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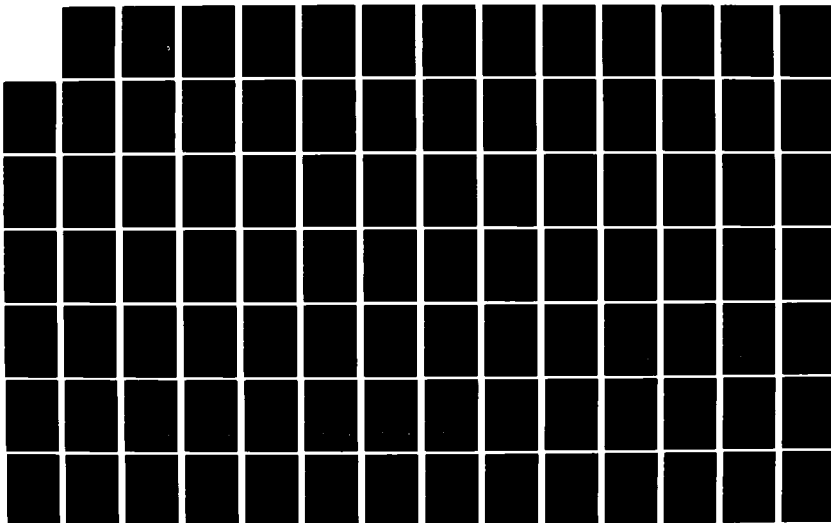
JOB LANGUAGE PERFORMANCE REQUIREMENTS FOR MOS 12C
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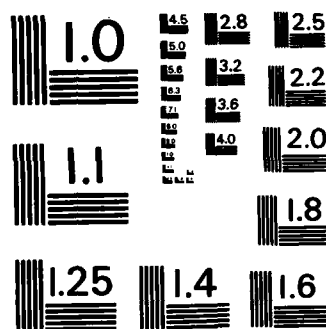
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JOB LANGUAGE PERFORMANCE REQUIREMENTS
FOR ~~A12C~~
MOS
BRIDGE SPECIALIST

REFERENCE SOLDIER'S MANUAL DATED

8 December 1977

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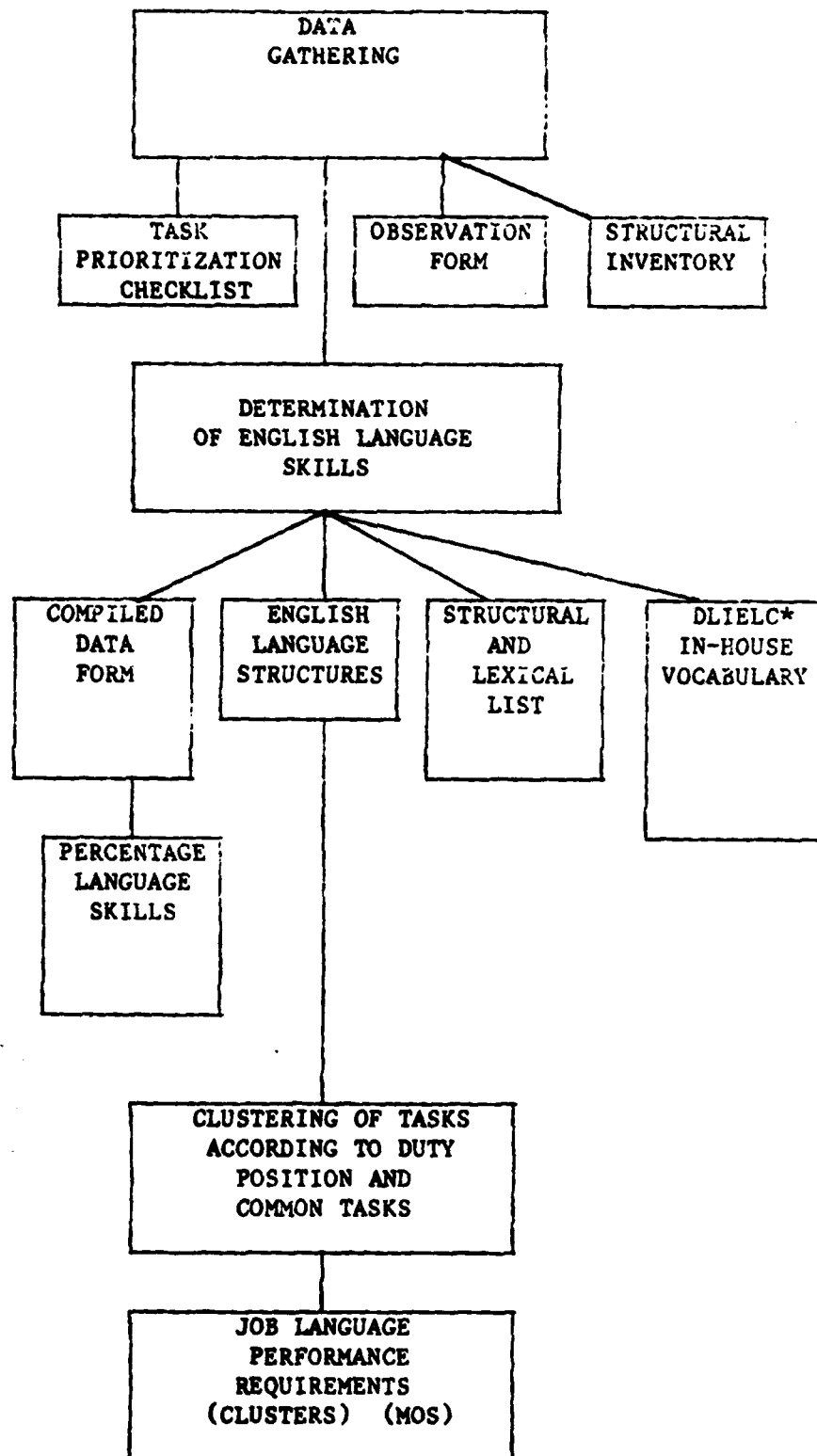


FIGURE 1

*Defense Language Institute English Language Center

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| REPORT DOCUMENTATION PAGE | | READ INSTRUCTIONS BEFORE COMPLETING FORM |
|--|--|--|
| 1. REPORT NUMBER | 2. GOVT ACCESSION NO. <i>AD A121089</i> | 3. RECIPIENT'S CATALOG NUMBER |
| 4. TITLE (and Subtitle) Job Language Performance Requirements (JLPR) for Pre-BT Extended Course <i>Mos 12C</i> | | 5. TYPE OF REPORT & PERIOD COVERED <i>Final</i> |
| 7. AUTHOR(s) Defense Language Institute-English Language Center | | 6. PERFORMING ORG. REPORT NUMBER |
| 9. PERFORMING ORGANIZATION NAME AND ADDRESS Defense Language Institute-English Language Center ATTN: DLIELC-LEACA Lackland Air Force Base, TX 78236 | | 8. CONTRACT OR GRANT NUMBER(s) |
| 11. CONTROLLING OFFICE NAME AND ADDRESS | | 10. PROGRAM ELEMENT, PROJECT, TASK AREA & WORK UNIT NUMBERS |
| 14. MONITORING AGENCY NAME & ADDRESS (if different from Controlling Office) Training Developments Institute ATTN: ATTG-DOR Fort Monroe, VA 23651 | | 12. REPORT DATE DEC 1982 |
| | | 13. NUMBER OF PAGES <i>413</i> |
| | | 15. SECURITY CLASS. (of this report) UNCLASSIFIED |
| | | 15a. DECLASSIFICATION/DOWNGRADING SCHEDULE |
| 16. DISTRIBUTION STATEMENT (of this Report) Approved for public release; distribution unlimited. | | |
| 17. DISTRIBUTION STATEMENT (of the abstract entered in Block 20, if different from Report) | | |
| 18. SUPPLEMENTARY NOTES | | |
| 19. KEY WORDS (Continue on reverse side if necessary and identify by block number) Job Language Performance Requirements (JLPR) Task Inventory Lexical Analysis Common Tasks Structural Analysis Listening English Language Skills Speaking Task Prioritization Checklist Reading | | |
| 20. ABSTRACT (Continue on reverse side if necessary and identify by block number) The Job Language Performance Requirements (JLPR) study was conducted to determine language tasks the soldier must do in studying/performing job tasks. The language skills (listening, reading, writing, speaking) required to learn each Army job task were identified, conditions studied and standards determined. The data that generated the JLPR is identified. | | |

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CONTENTS

| | | |
|-------------|---|--------|
| | PREFACE | iii-iv |
| SECTION I | <u>DATA GATHERING</u> | 1-1 |
| | Methods | |
| | Forms | |
| | Summary/Conclusion | |
| SECTION II | <u>DETERMINATION OF ENGLISH LANGUAGE SKILLS</u> | 2-1 |
| | Organization of Data | |
| | Table of Language Skills | |
| | Forms | |
| | Vocabulary | |
| | Summary/Conclusion | |
| SECTION III | <u>CLUSTERING OF COMMON AND DUTY POSITION TASKS</u> | 3-1 |
| | Explanation | |
| | Clusters | |
| SECTION IV | <u>JOB LANGUAGE PERFORMANCE REQUIREMENTS</u> | 4-1 |
| | Format | |
| | Task | |
| | Explanation of Language Tasks vs MOS Tasks | |
| | Conditions | |
| | Standards | |
| | Summary/Conclusion | |
| SECTION V | <u>JOB LANGUAGE PERFORMANCE REQUIREMENTS (CLUSTERED)</u> | 5-1 |
| | Percentage Language Skills | |
| | Job Language Performance Requirements | |
| | Task Numbers | |
| | Task Names | |
| SECTION VI | <u>JOB LANGUAGE PERFORMANCE REQUIREMENTS</u> <u>(Entire MOS)</u> | 6-1 |
| APPENDICES | | |
| 1. | Task Prioritization Checklist | A 1- |
| 2. | Task Inventory Compiled Data Form | A 2- |
| 3. | Percentage Language Skills | A 3- |
| 4. | Observation Forms | A 4- |
| 5. | Structural/Lexical List | A 5- |
| 6. | Vocabulary (DLIELC in-house) | A 6- |
| 7. | Vocabulary (machine-generated) | A 7- |
| 8. | English Language Structures | A 8- |

PREFACE

INSTRUCTIONS FOR REVIEW OF JOB LANGUAGE PERFORMANCE REQUIREMENTS

This report is organized in six main sections. Sections I-IV discuss methods, forms and rationale for gathering, organizing and analyzing research data used to develop Job Language Performance Requirements (JLPR). Please look through these sections to get a general understanding of the background underlying the JLPR. Sections V and VI are the major substantive portions of the analysis. They are the results of the analysis and constitute the basis for development of any MOS-oriented English language materials. Section V contains the JLPR by cluster/topic, while Section VI contains the JLPR covering the entire range of clusters/topics.

The appendices, one through eight, contain all the information used to determine the Job Language Performance Requirements. Please write any suggestions or changes directly on the document or attach additional notes, if necessary.

The points covered in the six major sections are supported in greater detail in eight appendices. Below is an overview of these appendices.

Appendix one contains the Task Prioritization Checklist. It was taken to the field to collect the raw data. This form was approved for use by the Department of the Army.

Appendix two contains the Task Inventory Compiled Data Form. It was used to organize data from Unit and AIT respondents.

Appendix three defines the language skills by percentage. This form includes computations of language skills for each task cluster.

Appendix four contains the Observation Form used in the recording of types of listening and speaking skills required, as seen by observers, in the learning and performing of a task. The variety of environmental situations is also included on this form.

Appendix five contains the final list of structural and lexical items found through data gathering and organization.

Appendix six contains the DLIELC in-house vocabulary list. This is a task by task listing of the vocabulary extracted from the Soldier's Manual.

Appendix seven contains the machine-generated vocabulary for this MOS prepared by the United States Army Training and Doctrine Command (TRADOC), Fort Monroe, Virginia.

Appendix eight contains the list of structural and lexical items requisite to this MOS.

Thank you for your cooperation. It is greatly appreciated.

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SECTION I

DATA GATHERING

INTRODUCTION

This section discusses the procedures and forms in the gathering of data used to determine the Job Language Performance Requirements for this MOS.

SECTION I: DATA GATHERING

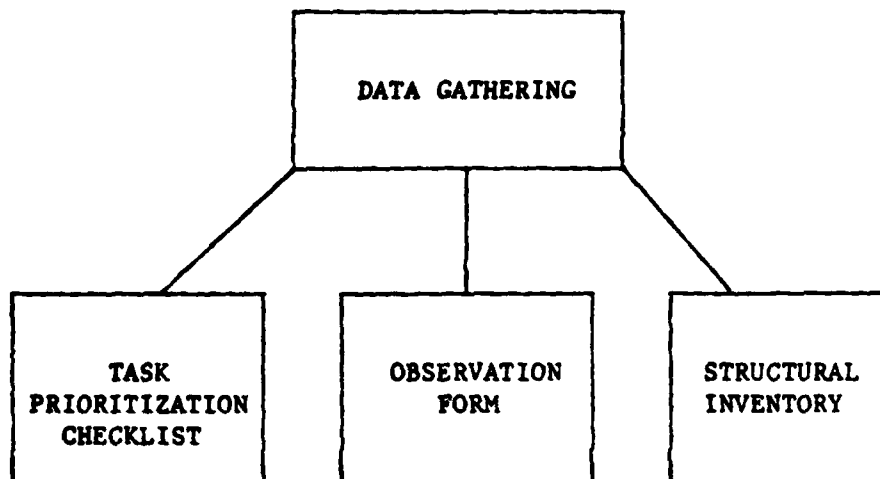


FIGURE 2

In order to establish Job Language Performance Requirements for this MOS the curriculum development specialists at the Defense Language Institute English Language Center (DLIELC) analyzed the current learning and working situations, and individual tasks. The goal was to collect data which would help identify the Job Language Performance Requirements pertinent to this MOS.

To conduct this analysis, training specialists visited the AIT School and Unit cadre. Interviews were conducted using a Task Prioritization Checklist, (Appendix 1). For each task, first-line supervisors answered the following questions:

1. Is the task taught?
2. How is the task taught?
3. Is the task tested?
4. How is the task tested?
5. How important are speaking, listening, reading and writing in learning and performing the task?
6. What are the results of poor performance in performing the task.

Additional data were gathered through use of an Observation Form and an analysis of language structures in the Soldier's Manual for this MOS.

The Observation Form (Appendix 4) was used to record actual observations of the learning situations, populations, tasks, and language.

The lexical and structural analysis was done by a panel of language specialists who first listed all structures found in the Soldier's Manual for this MOS and then all structures, standard and non-standard, noted on the Observation Forms for all vocabulary from the Soldier's Manual. All lists were then combined into an overall lexical and structural inventory.

SUMMARY/CONCLUSION:

The tools for data gathering were:

1. The Task Prioritization Checklist (Appendix 1)
2. The Task Inventory Compiled Data Form (Appendix 2)
3. The Observation Form (Appendix 4)
4. A Structural and Lexical Inventory (consisting of rough drafts of all vocabulary and structures in this MOS).

These tools were used to form the data pool from which the Job Language Requirements were determined.

SECTION II

DETERMINATION OF ENGLISH LANGUAGE SKILLS

INTRODUCTION

This section discusses the organization of the raw data into information used to determine the English language skills pertinent to this MOS.

SECTION II: DETERMINATION OF ENGLISH LANGUAGE SKILLS

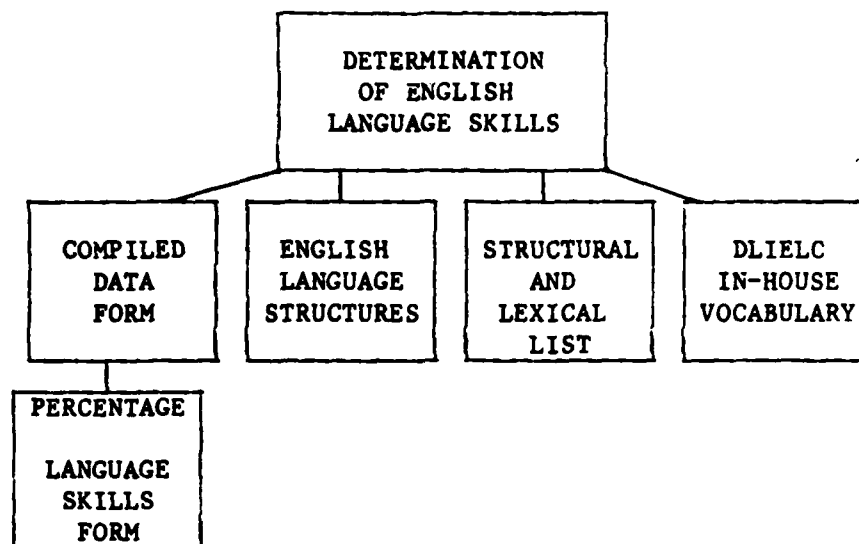


FIGURE 3

The raw data collected as described in Section II above was used to determine the English Language skills which the soldier must learn to learn and perform the task. The Compiled Data Form, Appendix 2, was used to organize the observation and analysis data. Selected information from the Task Prioritization Checklist was recorded directly on this form. Specifically three variables were used to determine the language skills involved. They were:

1. Methods of teaching.
2. Methods of testing.
3. The actual respondents' ratings of the four English language skills.

From each of the three variables the following skills were determined:

| VARIABLE | ENGLISH LANGUAGE SKILLS |
|---|---|
| Methods of Teaching demonstration lecture hands on self-paced | listening, listening, writing listening reading, writing |

| | |
|---|---|
| Methods of Testing performance oral written | listening speaking writing, reading |
| Rating of English Language Skills listening speaking reading writing | *a response of 2 or 3 on a scale of 1 to 3 was tallied a response of 1, 2, or 3 on a scale of 1 to 5 was tallied |

*See A1

In order to determine the relations of the various skills in the MOS, data from the three variables were tallied on the Percentage Language Skills Form. An average was then found using the following formula:

$$TR \div TxVxR = \% \text{ of use}$$

T = total number of tasks per cluster

V = language skill variable per cluster**

R = maximum number of respondents in any task in that cluster

TR = total tally of responses per task per skill

% of use = use of the language skill in the task

Percentages found in this MOS were:

| | |
|-----------|-----|
| Listening | 51% |
| Speaking | 38% |
| Reading | 25% |
| Writing | 23% |

As shown by the figures, listening is the most important skill in this MOS. However, in particular duty sections, percentages varied. Appendix 3, the Percentage Language Skills Form, shows the actual skill percentages in each duty position.

**See A3

Organization of structural and lexical items was done by comparing a structural and lexical list extracted from the Soldier's Manual with a structural inventory list extracted from ALC (American Language Center) materials through Volume 2400, at the end of which a trainee is normally qualified for Specialized English Technical Terminology training. By comparing the lists redundancies were eliminated, leaving the final list of structural and lexical items indicated by grammatical title in Appendix 5.

SUMMARY/CONCLUSION:

Organization of the data included the recording of responses on the Task Inventory Compiled Data Form, use of the Percentage Language Skills Form, and the DLIELC in-house structural analysis list. Skills were analyzed by duty section. The actual lexical items in this MOS were grouped and listed task by task. This information was then used to determine the specific Job Language Performance Requirements.

SECTION III

CLUSTERING OF COMMON AND DUTY POSITION TASKS

INTRODUCTION

Due to the overlapping of certain elements among the various MOS, tasks were clustered in order to prevent duplication of effort for each MOS.

This section contains a listing of the clusters for this MOS.

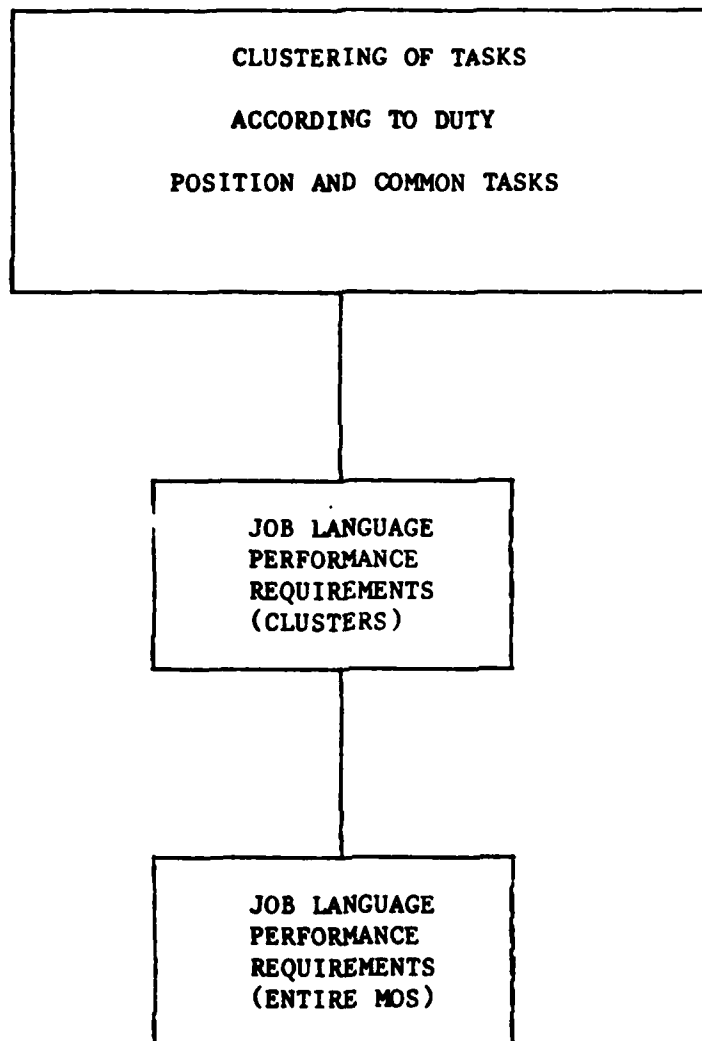


FIGURE 4

SECTION III: CLUSTERING OF COMMON AND DUTY POSITION TASKS

Clustering was done by using the common and duty position tasks in the Soldier's Manual.

The following clusters are in this MOS:

1. FIRST AID
2. NUCLEAR, BIOLOGICAL AND CHEMICAL OPERATIONS
3. INDIVIDUAL FITNESS
4. BASIC INDIVIDUAL TECHNIQUES
5. CAMOUFLAGE
6. SECURITY AND INTELLIGENCE
7. COMMUNICATIONS
8. LAND NAVIGATION
9. M16A1 RIFLE
10. LIGHT ANTI-TANK WEAPON (LAW)
11. GRENADES
12. MINES
13. WHEELED VEHICLE OPERATIONS
14. DEMOLITIONS
15. LEADERSHIP
16. M60 MACHINEGUN
17. ENGINEER TOOLS
18. FIELD FORTIFICATIONS
19. FIXED BRIDGING
20. MOBILE ASSAULT BRIDGE
21. RECONNAISSANCE
22. RIGGING
23. RIVER CROSSING OPERATIONS

SECTION IV

JOB LANGUAGE PERFORMANCE REQUIREMENTS

INTRODUCTION

This section discusses the format for the Job Language Performance Requirements.

SECTION IV: JOB LANGUAGE PERFORMANCE REQUIREMENTS

The format for the Job Language Performance Requirements is:

TASK:
CONDITION:
STANDARD:

A. TASK

The Job Language Performance Requirements state the language tasks the soldier must do in studying/performing specific MOS job tasks. A task addressing language would be one of reading, listening, speaking or writing. Job tasks, as seen in the Soldier's Manual, are those which pertain to the soldiers duties. To write these as language tasks required the following explanations of what the soldier would speak, read, listen and write. Below are the kinds of explanations that had to be made in this MOS.

SPEAKING

Produces oral utterances to report/inform/explain/elicit response/respond.

Analysis of this MOS indicates verbal reports entailing those activities directly related to the soldiers job tasks.

The speaking act to respond or elicit response in this MOS is an oral response to a command or visual signal.

Speaking to explain involves situations of instruction in any training situation.

Speaking to inform involves producing oral utterances to communicate necessary information.

READING

Read for information/to learn.

Printed and written materials are used throughout this MOS. The soldier is expected to read technical manuals, fields manuals, soldier's manual, written communication and audio-visual aids. Content of these materials is presented in formats and styles ranging from simple factual words or sentences to complex passages containing highly technical vocabulary, often with ellipsis. The purpose is to teach the student, so the student reads them to learn. Reading to learn involves reading names, attributes, information, procedures, explanations of how systems work, concepts, vocabulary terms, and definitions which are committed to short or long term memory for immediate or later recognition.

Basically, the soldier will use these reading materials to supplement what is stated in a lecture by integrating the information from the different texts or written communiques into his understanding of the previous lecture.

The soldier must develop the ability to understand the words in context, to read in thought units, and then select and understand the main ideas. The soldier must retain, apply, and integrate these ideas with past experience to use in his MOS.

Reading to learn, then, is a synthesis. What is read is to be retained in memory for integration in new experiences.

Reading for information, on the other hand, is quite different. The read material is to be retained only in short term memory, used for a specific purpose (i.e., look up a metric equivalent of 37 pounds) and then forgotten.

LISTENING

Listen to oral information to learn/to report.

In this MOS, lecture is a main method of instruction. The lecture is often supplemented by a demonstration. The soldier listens to the lecture to learn data pertinent to the task. Analysis of lecture presentations indicated many language variables. The soldier hears sub-standard usages, various registers of style and formality, colloquialisms, even profanity, in situations ranging from a barracks to a field. The soldier must differentiate between the types of language functions. Is it expression, exchange, description, explanation, argumentation, persuasion, statement, request, or order? The oral information may be directly from the speaker and/or indirectly such as over the telephone, radio, TV, or tape. The soldier must organize and gain meaning from what is heard. Out of all these variables, the soldier must identify or infer the main ideas or major points.

Analysis of this MOS did not and could not specify all types of spontaneous language the soldier would be exposed to. The POI, though, does show the general form of the constrained oral language the soldier must listen to in order to learn the task.

B. CONDITIONS

The condition is what the soldier will be given in order to do the task. For the MOS job, the soldier is given paper, pencil, and printed materials. For language purposes, he will be given certain structural and lexical features as found through the data gathering and organizing from interviews and observations. Again, for the job that the soldier will be given, the material may be under normal working conditions, though other conditions may be added such as with or without protective gear or in darkness.

The soldier will read lists, tables, procedures, checklists or signs, and will hear scenarios, lectures, explanations, and commands. Therefore, these are listed with the Job Language Performance Requirements as possible conditions.

C. STANDARDS

The standard for our purpose is 100%. A standard for understanding or speaking cannot be tested as saying the soldier will disassemble a .45 caliber pistol in eight minutes. Because of this, 100% understandable speech or 100% legibility is used as a reference.

SUMMARY/CONCLUSION:

: The Job Language Performance Requirements including tasks, conditions, and standards, were first written for each task cluster. The clusters were then combined into the Job Language Performance Requirements for the entire MOS.

SECTION V

JOB LANGUAGE PERFORMANCE REQUIREMENTS (CLUSTERED)

INTRODUCTION

Sections I, II, III, and IV described how Job Language Performance Requirements were identified and constructed.

This section contains the Job Language Performance Requirements for each task cluster pertinent to this MOS.

FIRST AID

I. PERCENTAGE LANGUAGE SKILLS

| | |
|-----------|-----|
| Listening | 62% |
| Speaking | 56% |
| Reading | 31% |
| Writing | 25% |

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

| | |
|-------------|---|
| TASK: | Listen to learn |
| CONDITIONS: | Given oral instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7) |
| STANDARDS: | 100% understanding of oral communication |
| TASK: | Listen to respond |
| CONDITIONS: | Given a medical scenario involving simple questions about an illness in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7) |
| STANDARDS: | 100% understanding of oral utterances |
| TASK: | Produce oral utterances to explain |
| CONDITIONS: | Given a simple medical scenario requiring an oral interpretation in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7) |
| STANDARDS: | 100% understandable oral communication |
| TASK: | Produce appropriate oral responses spontaneously or upon request |
| CONDITIONS: | Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7) |
| STANDARDS: | 100% understandable oral responses |
| TASK: | Read for information |
| CONDITIONS: | Given printed MOS training materials in the form of captioned illustrations, procedures, tables and explanations |
| STANDARDS: | 100% understanding of printed content |
| TASK: | Write to record and report |
| CONDITIONS: | Given a requirement to complete forms and make a written report |
| STANDARDS: | 100% understandable and legible written content |

III. TASK NUMBERS AND TITLES

| | |
|--------------|-------------------------------------|
| 051-191-1001 | Apply the four life-saving measures |
| 151-191-1005 | Administer artificial respiration |

| | |
|--------------|---|
| 151-191-1006 | Immobilize fractures |
| 151-191 1007 | Perform first aid for special wounds |
| 151-191-1002 | Apply first aid measures for burns |
| 151-191-1003 | Apply preventive measures to reduce climatic injuries |

NUCLEAR, BIOLOGICAL AND CHEMICAL OPERATIONS

I. PERCENTAGE LANGUAGE SKILLS

| | |
|-----------|-----|
| Listening | 70% |
| Speaking | 59% |
| Reading | 32% |
| Writing | 34% |

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

| | |
|-------------|---|
| TASK: | Listen to learn |
| CONDITIONS: | Given oral instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7) |
| STANDARDS: | 100% understanding of oral communication |
| TASK: | Listen to perform |
| CONDITIONS: | Given oral warnings or verbal commands regarding simulated NBC situations (scenarios) in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7) |
| STANDARDS: | 100% understanding of oral utterances |
| TASK: | Produce appropriate oral responses spontaneously or upon request |
| CONDITIONS: | Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7) |
| STANDARDS: | 100% understandable oral responses |
| TASK: | Produce oral utterances to inform and respond |
| CONDITIONS: | Given NBC situations requiring oral alarms |
| STANDARDS: | 100% understandable oral utterances |
| TASK: | Read to learn |
| CONDITIONS: | Given printed MOS training materials in the form of procedures, captioned illustrations and notations defined as explanations |
| STANDARDS: | 100% understanding of printed content |
| TASK: | Read for information |
| CONDITIONS: | Given printed MOS training materials in the form of procedures, captioned illustrations and notations defined as explanations |
| STANDARDS: | 100% understanding of printed material |
| TASK: | Write to report |
| CONDITIONS: | Given a requirement to produce a written report |
| STANDARDS: | 100% understandable and legible written content |

III. TASK NUMBERS AND TITLES

| | |
|--------------|---|
| 051-191-1031 | Maintain protective mask and accessories |
| 051-191-1032 | Put on a protective mask |
| 051-191-1033 | Take cover as protection against NBC hazards |
| 051-191-1034 | Decontaminate self and individual equipment |
| 051-191-1035 | Administer antidote to a nerve agent casualty |
| 051-191-1036 | Apply artificial respiration to a chemical agent casualty |
| 051-191-1037 | Determine personal needs and personal hygiene in a chemical environment |
| 051-191-1038 | Identify NBC hazards and take appropriate actions |

INDIVIDUAL FITNESS

I. PERCENTAGE LANGUAGE SKILLS

| | |
|-----------|-----|
| Listening | 59% |
| Speaking | 29% |
| Reading | 19% |
| Writing | 17% |

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

| | |
|-------------|---|
| TASK: | Listen to learn and perform |
| CONDITIONS: | Given oral instructions or verbal commands in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7) |
| STANDARDS: | 100% understanding of oral communication |
| TASK: | Produce appropriate oral responses spontaneously or upon request |
| CONDITIONS: | Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7) |
| STANDARDS: | 100% understandable oral responses |
| TASK: | Produce oral utterances to inform and respond |
| CONDITIONS: | Given a requirement to produce a verbal report in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7) |
| STANDARDS: | 100% understandable oral utterances |
| TASK: | Read for information |
| CONDITIONS: | Given printed MOS training materials in the form of procedures, manuals, charts, captioned illustrations and explanations |
| STANDARDS: | 100% understanding of printed content |

III. TASK NUMBERS AND TITLES

| | |
|--------------|--|
| 051-191-1061 | Maintain individual physical fitness appropriate to unit mission |
| 051-191-2062 | Lead physical conditioning activities |

BASIC INDIVIDUAL TECHNIQUES

I. PERCENTAGE LANGUAGE SKILLS

| | |
|-----------|-----|
| Listening | 41% |
| Speaking | 34% |
| Reading | 19% |
| Writing | 19% |

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

| | |
|-------------|---|
| TASK: | Listen to learn |
| CONDITIONS: | Given oral instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7) |
| STANDARDS: | 100% understanding of oral communication |
| TASK: | Produce appropriate oral responses spontaneously or upon request |
| CONDITIONS: | Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7) |
| STANDARDS: | 100% understandable oral responses |
| TASK: | Read to learn |
| CONDITIONS: | Given printed MOS training materials in the form of procedures, descriptions, tables and SOPs |
| STANDARDS: | 100% understanding of printed content |
| TASK: | Read for information |
| CONDITIONS: | Given printed MOS training materials in the form of instructions, charts, tables, captioned illustrations, explanations and procedures |
| STANDARDS: | 100% understanding of printed content |

III. TASK NUMBERS AND TITLES

| | |
|--------------|---|
| 051-191-1063 | Employ field hygiene and sanitation measures |
| 051-191-1366 | Select temporary battlefield positions |
| 051-191-1364 | Construct individual defensive positions |
| 051-191-1365 | Clear fields of fire |
| 051-191-1462 | Engage hostile aircraft with individual weapons |
| 051-191-1463 | Recognize vulnerabilities of enemy armor to individual (M16A1 and M203) and crew-served (M60) weapons |
| 051-191-2398 | Control rate and distribution of fire |

CAMOUFLAGE

I. PERCENTAGE LANGUAGE SKILLS

| | |
|-----------|-----|
| Listening | 59% |
| Speaking | 36% |
| Reading | 25% |
| Writing | 22% |

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

| | |
|--------------------|---|
| TASK: | Listen to learn and perform |
| CONDITIONS: | Given oral instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7) |
| STANDARDS: | 100% understanding of oral communication |
| TASK: | Produce appropriate oral responses spontaneously or upon request |
| CONDITIONS: | Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7) |
| STANDARDS: | 100% understandable oral responses |
| TASK: | Produce oral utterances to inform |
| CONDITIONS: | Given a requirement to produce a verbal report in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7) |
| STANDARDS: | 100% understandable oral utterances |
| TASK: | Read for information |
| CONDITIONS: | Given printed MOS training materials in the form of instructions, charts, captioned illustrations, explanations and procedures |
| STANDARDS: | 100% understanding of printed content |

III. TASK NUMBERS AND TITLES

| | |
|--------------|--|
| 051-191-1361 | Camouflage/conceal self and individual equipment |
| 051-191-1362 | Camouflage/conceal equipment |
| 051-191-1363 | Camouflage/conceal defensive positions |

SECURITY AND INTELLIGENCE

I. PERCENTAGE LANGUAGE SKILLS

| | |
|-----------|-----|
| Listening | 50% |
| Speaking | 51% |
| Reading | 22% |
| Writing | 24% |

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK: Listen to learn and perform
CONDITIONS: Given oral instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS: 100% understanding of oral communication

TASK: Listen to orally interact
CONDITIONS: Given oral challenges, passwords and scenarios in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS: 100% understanding of oral information

TASK: Produce appropriate oral responses spontaneously or upon request
CONDITIONS: Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS: 100% understandable oral responses

TASK: Produce spontaneous oral utterances to interact
CONDITIONS: Given the requirement to orally respond to challenges, passwords and security situations
STANDARDS: 100% understandable oral utterances

TASK: Read to learn
CONDITIONS: Given printed MOS training materials in the form of procedures, tables and warnings in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS: 100% understanding of printed content

TASK: Write to record and report
CONDITIONS: Given the requirement to complete forms and make written reports
STANDARDS: 100% understandable and legible written content

III. TASK NUMBERS AND TITLES

051-191-1097 Identify threat vehicles

| | |
|--------------|--|
| 051-191-1091 | Use challenge and password |
| 051-191-1095 | Process known or suspected enemy personnel |
| 051-191-1096 | Collect/report information - SALUTE |
| 051-191-1098 | Perform guard duty |
| 051-191-1099 | Practice noise, light, and litter discipline |

COMMUNICATIONS

I. PERCENTAGE LANGUAGE SKILLS

| | |
|-----------|-----|
| Listening | 42% |
| Speaking | 37% |
| Reading | 21% |
| Writing | 20% |

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

| | |
|-------------|---|
| TASK: | Listen to learn |
| CONDITIONS: | Given oral instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7) |
| STANDARDS: | 100% understanding of oral utterances |
| TASK: | Listen to perform |
| CONDITIONS: | Given a brief oral message including prowords in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7) |
| STANDARDS: | 100% understanding of oral content |
| TASK: | Produce appropriate oral responses spontaneously or upon request |
| CONDITIONS: | Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7) |
| STANDARDS: | 100% understandable oral responses |
| TASK: | Produce oral utterances over radiotelephone |
| CONDITIONS: | Given the requirement to orally communicate using the phonetic alphabet in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7) |
| STANDARDS: | 100% understandable oral utterances |
| TASK: | Read to learn |
| CONDITIONS: | Given printed MOS training materials in the form of instructions, captioned illustrations and sample messages using prowords |
| STANDARDS: | 100% understanding of printed content |
| TASK: | Write to record and report |
| CONDITIONS: | Given a requirement to complete communication forms and logs |
| STANDARDS: | 100% understandable and legible written content |

III. TASK NUMBERS AND TITLES

| | |
|--------------|--|
| 051-191-1517 | Maintain field telephones (TA-1 and TA-312) |
| 051-191-1518 | Install/operate field telephones (TA-1 and TA-312) |
| 051-191-1519 | Maintain tactical FM radios (AN/PRC-77, AN/VRC-64, and AN/GRC-160) |
| 051-191-1520 | Prepare/operate tactical FM radios (AN/PRC-77, AN/VRC-64, and AN/GRC-160) |
| 051-191-1521 | Communicate using proper radiotelephone procedures |
| 051-191-2512 | Use a communications-electronics operation instructions (CEOI) extract to determine call signs, frequencies, and item number identifiers |
| 051-191-2513 | Authenticate transmissions and encrypt/decrypt numbers and grid zone letters using KAL 61 with KTC 1400 numerical code |
| 051-191-2514 | Encode and decode messages using a tactical operations code, KTC 600 |
| 051-191-2516 | Establish and enter or leave a radio net |
| 051-191-9522 | Maintain tactical FM radios (AN/VRC-46 and AN/VRC-47) |
| 051-191-9523 | Prepare/operate tactical FM radios (AN/VRC-46 and AN/VRC-47) |

LAND NAVIGATION

I. PERCENTAGE LANGUAGE SKILLS

| | |
|-----------|-----|
| Listening | 60% |
| Speaking | 48% |
| Reading | 37% |
| Writing | 33% |

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

| | |
|-------------|---|
| TASK: | Listen to learn and perform |
| CONDITIONS: | Given oral instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7) |
| STANDARDS: | 100% understanding of oral communication |
| TASK: | Produce appropriate oral responses spontaneously or upon request |
| CONDITIONS: | Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7) |
| STANDARDS: | 100% understandable oral responses |
| TASK: | Produce oral utterances to inform and respond |
| CONDITIONS: | Given a requirement to produce a verbal report in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7) |
| STANDARDS: | 100% understandable oral utterances |
| TASK: | Read for information |
| CONDITIONS: | Given printed MOS training materials in the form of marked maps, definitions, captioned illustrations, instructions and procedures |
| STANDARDS: | 100% understanding of printed content |
| TASK: | Write to record |
| CONDITIONS: | Given a requirement to record the grid reference |
| STANDARDS: | 100% legible written content |

III. TASK NUMBERS AND TITLES

| | |
|--------------|--|
| 051-191-1481 | Identify terrain features (natural and manmade) on the map |
| 051-191-1483 | Locate a point on a map |
| 051-191-1486 | Measure ground distance |
| 051-191-1490 | Orient a map to the ground by map terrain association |
| 051-191-1485 | Navigate, using a map |
| 051-191-2482 | Determine an azimuth |
| 051-191-2487 | Orient a map using a compass |
| 051-191-2488 | Determine a location on the ground |

- 051-191-2489 Determine the elevation of a point on the ground using a map
- 051-191-2491 Locate an unknown point on a map or on the ground by intersection
- 051-191-2492 Locate an unknown point on a map or on the ground by resection
- 051-191-2484 Navigate, using a compass

M16A1 RIFLE

I. PERCENTAGE LANGUAGE SKILLS

| | |
|-----------|-----|
| Listening | 55% |
| Speaking | 42% |
| Reading | 17% |
| Writing | 17% |

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

| | |
|-------------|---|
| TASK: | Listen to learn and perform |
| CONDITIONS: | Given oral instructions or verbal commands in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7) |
| STANDARDS: | 100% understanding of oral communication |
| TASK: | Produce appropriate oral responses spontaneously or upon request |
| CONDITIONS: | Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7) |
| STANDARDS: | 100% understandable oral responses |
| TASK: | Produce oral utterances to inform and respond |
| CONDITIONS: | Given a requirement to make a verbal report in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7) |
| STANDARDS: | 100% understandable oral utterances |
| TASK: | Read to learn |
| CONDITIONS: | Given printed MOS training materials in the form of procedures, captioned illustrations, warnings and references |
| STANDARDS: | 100% understanding of printed content |
| TASK: | Read for information |
| CONDITIONS: | Given printed MOS training materials in the form of a range card |
| STANDARDS: | 100% understanding of printed content |
| TASK: | Write to record |
| CONDITIONS: | Given a requirement to complete a range card |
| STANDARDS: | 100% understandable and legible written content |

III. TASK NUMBERS AND TITLES

| | |
|--------------|--|
| 051-191-1181 | Maintain an M16A1 rifle, magazines, and ammunition |
| 051-191-1182 | Load and unload an M16A1 rifle magazine |
| 051-191-1183 | Load, reduce a stoppage, unload, and clear an M16A1 rifle |
| 051-191-1184 | Zero an M16A1 rifle |
| 051-191-1185 | Engage targets with an M16A1 rifle |
| 051-191-1186 | Prepare and use aiming and firing stakes for the M16A1 rifle |
| 051-191-1245 | Estimate range |

LIGHT ANTITANK WEAPON (LAW)

I. PERCENTAGE LANGUAGE SKILLS

| | |
|-----------|-----|
| Listening | 54% |
| Speaking | 28% |
| Reading | 17% |
| Writing | 18% |

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK: Listen to learn and perform
CONDITIONS: Given oral instructions or verbal commands in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS: 100% understanding of oral communication

TASK: Produce appropriate oral responses spontaneously or upon request
CONDITIONS: Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS: 100% understandable oral responses

TASK: Produce oral utterances to inform and respond
CONDITIONS: Given a requirement to produce a verbal report in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS: 100% understandable oral utterances

TASK: Read for information
CONDITIONS: Given printed MOS training materials in the form of procedures, descriptions, tables and SOPs
STANDARDS: 100% understanding of printed content

TASK: Write to record and report
CONDITIONS: Given a requirement to complete forms and make a written report
STANDARDS: 100% understandable and legible written content

III. TASK NUMBERS AND TITLES

| | |
|--------------|--|
| 051-191-1241 | Prepare an M72A2 LAW for firing; restore M72A2 LAW to carrying configuration |
| 051-191-1242 | Engage targets with an M72A2 LAW |
| 051-191-1243 | Apply immediate action to correct a malfunction on an M72A2 LAW |

GRENADES

I. PERCENTAGE LANGUAGE SKILLS

| | |
|-----------|-----|
| Listening | 19% |
| Speaking | 19% |
| Reading | 16% |
| Writing | 12% |

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

| | |
|-------------|---|
| TASK: | Listen to learn and perform |
| CONDITIONS: | Given oral instructions or verbal commands in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7) |
| STANDARDS: | 100% understanding of oral communication |
| TASK: | Listen for information |
| CONDITIONS: | Given oral instructions to perform task specific assignments in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7) |
| STANDARDS: | 100% understanding of oral information |
| TASK: | Produce appropriate oral responses spontaneously or upon request |
| CONDITIONS: | Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7) |
| STANDARDS: | 100% understandable oral responses |
| TASK: | Produce oral utterances to inform and respond |
| CONDITIONS: | Given a requirement to produce a verbal report in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7) |
| STANDARDS: | 100% understandable oral utterances |
| TASK: | Read to learn |
| CONDITIONS: | Given printed MOS training materials in the form of warnings, procedures, definitions, captioned illustrations and references |
| STANDARDS: | 100% understanding of printed content |
| TASK: | Write to record and report |
| CONDITIONS: | Given a requirement to complete forms and make a written report |
| STANDARDS: | 100% understandable and legible written content |

III. TASK NUMBERS AND TITLES

| | |
|--------------|--|
| 051-191-1301 | Maintain hand grenades |
| 051-191-1302 | Engage enemy targets with hand grenades |
| 051-191-9211 | Maintain an M203 grenade launcher and ammunition |
| 051-191-9212 | Load, unload, and clear an M203 grenade launcher |
| 051-191-9213 | Zero an M203 grenade launcher |
| 051-191-9214 | Engage targets with an M203 grenade launcher and apply immediate action to reduce a stoppage |
| 051-191-9215 | Prepare and use aiming and firing stakes for the M203 grenade launcher |

MINES

I. PERCENTAGE LANGUAGE SKILLS

| | |
|-----------|-----|
| Listening | 64% |
| Speaking | 47% |
| Reading | 26% |
| Writing | 26% |

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

| | |
|-------------|---|
| TASK: | Listen to learn |
| CONDITIONS: | Given oral instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7) |
| STANDARDS: | 100% understanding of oral communication |
| TASK: | Produce appropriate oral responses spontaneously or upon request |
| CONDITIONS: | Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7) |
| STANDARDS: | 100% understandable oral responses |
| TASK: | Produce oral utterances to inform and respond |
| CONDITIONS: | Given a requirement to make a verbal report in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7) |
| STANDARDS: | 100% understandable oral utterances |
| TASK: | Read to learn |
| CONDITIONS: | Given printed MOS training materials in the form of warnings, procedures, definitions, captioned illustrations and references |
| STANDARDS: | 100% understanding of printed content |
| TASK: | Write to inform |
| CONDITIONS: | Given a requirement to mark mine fields |
| STANDARDS: | 100% understandable and legible written communication |

III. TASK NUMBERS AND TITLES

| | |
|--------------|--|
| 051-192-1002 | Install the M16A1 bounding antipersonnel mine with and without tripwires |
| 051-192-1003 | Install the M18A1 fragmentation antipersonnel mine (Claymore) with and without tripwires |
| 051-192-1027 | Install the M15 heavy antitank mine |
| 051-192-1008 | Install the M21 metallic antitank mine |
| 051-192-1012 | Disarm the M16A1 bounding antipersonnel mine equipped with and without tripwires |

051-192-1013 Disarm the M18A1 fragmentation antipersonnel mine
(Claymore) equipped with and without tripwires
051-192-1028 Disarm the M15 heavy antitank mine
051-192-1018 Disarm the M21 metallic antitank mine
051-192-1021 Locate mines by visual means
051-192-1022 Locate mines by probing
051-192-1023 Locate mines, using the AN/PSS-11 mine detector set
- 051-192-1024 Locate mines, using the AN/PRS-7 mine detector set
: 051-192-1025 Neutralize enemy mines

WHEELED VEHICLE OPERATIONS

I. PERCENTAGE LANGUAGE SKILLS

| | |
|-----------|-----|
| Listening | 49% |
| Speaking | 38% |
| Reading | 32% |
| Writing | 30% |

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK: Listen to learn
CONDITIONS: Given oral instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS: 100% understanding of oral communication

TASK: Produce appropriate oral responses spontaneously or upon request
CONDITIONS: Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS: 100% understandable oral responses

TASK: Read for information
CONDITIONS: Given printed MOS training materials in the form of instructions, charts, tables, captioned illustrations, explanations and procedures
STANDARDS: 100% understanding of printed content

TASK: Write to record
CONDITIONS: Given DA Form 2402 and vehicle logbook
STANDARDS: 100% legible written content

III. TASK NUMBERS AND TITLES

| | |
|--------------|---|
| 051-191-1621 | Perform operator maintenance on a wheeled vehicle |
| 051-191-1623 | Perform an ESC (Equipment Serviceability Criteria) inspection on wheeled vehicles |
| 051-191-1622 | Maintain required TAMMS records on a wheeled vehicle |
| 051-191-1631 | Operate the winch on platoon vehicles |
| 051-191-2628 | Inspect operator maintenance of squad/section vehicles |

DEMOLITIONS

I. PERCENTAGE LANGUAGE SKILLS

| | |
|-----------|-----|
| Listening | 73% |
| Speaking | 43% |
| Reading | 27% |
| Writing | 27% |

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK: Listen to learn and perform
CONDITIONS: Given oral instructions or verbal commands in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS: 100% understanding of oral communication

TASK: Produce appropriate oral responses spontaneously or upon request
CONDITIONS: Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS: 100% understandable oral responses

TASK: Produce oral utterances to warn
CONDITIONS: Given a requirement to utter verbal warnings in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS: 100% understandable oral utterances

TASK: Produce oral utterances to inform and respond
CONDITIONS: Given a requirement to produce a verbal report in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS: 100% understandable oral utterances

TASK: Read to learn
CONDITIONS: Given printed MOS training materials in the form of captioned illustrations, procedures and references
STANDARDS: 100% understanding of printed content

TASK: Read for information
CONDITIONS: Given printed MOS training materials in the form of captioned illustrations, procedures and references
STANDARDS: 100% understanding of printed content

TASK: Write to record and report
CONDITIONS: Given a requirement to complete forms and produce a written report
STANDARDS: 100% understandable and legible written content

III. TASK NUMBERS AND TITLES

| | |
|--------------|---|
| 051-193-1001 | Identify and maintain demolition equipment |
| 051-193-1002 | Construct a nonelectric (initiation) detonating assembly |
| 051-193-1003 | Prime a demolition block nonelectrically |
| 051-193-1004 | Construct an electric (initiation) detonating assembly |
| 051-193-1005 | Prime demolition block electrically |
| 051-193-1006 | Connect electrical firing circuits |
| 051-193-1007 | Prime explosives with detonating cord |
| 051-193-1008 | Make detonating cord connections |
| 051-193-1009 | Construct a detonating cord firing system |
| 051-193-1010 | Install US firing devices on standard military explosives |
| 051-193-1011 | Install dual firing systems |
| 051-193-1012 | Detonate explosives |

LEADERSHIP

I. PERCENTAGE LANGUAGE SKILLS

| | |
|-----------|-----|
| Listening | 36% |
| Speaking | 32% |
| Reading | 26% |
| Writing | 25% |

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

| | |
|-------------|--|
| TASK: | Listen to learn |
| CONDITIONS: | Given oral instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7) |
| STANDARDS: | 100% understanding of oral communication |
| TASK: | Produce oral utterances to interact |
| CONDITIONS: | Given situations requiring inspections, supervision and counseling in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7) |
| STANDARDS: | 100% understandable oral utterances |
| TASK: | Read for information |
| CONDITIONS: | Given printed MOS training materials in the form of references, procedures and explanations |
| STANDARDS: | 100% understanding of printed content |
| TASK: | Write to record and report |
| CONDITIONS: | Given the requirement to complete forms and make written reports |
| STANDARDS: | 100% understandable and legible written content |

III. TASK NUMBERS AND TITLES

| | |
|--------------|--|
| 051-191-2541 | Inspect personnel/equipment |
| 051-191-2542 | Supervise maintenance on individual and TOE equipment |
| 051-191-2544 | Supervise subordinates |
| 051-191-2548 | Solve leadership problems |
| 051-191-2571 | Conduct a performance-oriented training session |
| 051-191-2547 | Prepare the rater's section of an enlisted evaluation report (EER) |

M60 MACHINEGUN

I. PERCENTAGE LANGUAGE SKILLS

| | |
|-----------|-----|
| Listening | 20% |
| Speaking | 11% |
| Reading | 6% |
| Writing | 6% |

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK: Listen to learn and perform
CONDITIONS: Given oral instructions or verbal commands in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS: 100% understanding of oral communication

TASK: Produce oral utterances to inform and respond
CONDITIONS: Given a requirement to answer in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS: 100% understandable oral utterances

TASK: Produce appropriate oral responses spontaneously or upon request
CONDITIONS: Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS: 100% understandable oral responses

TASK: Read to learn
CONDITIONS: Given printed MOS training materials in the form of requirements, captioned illustrations and labels
STANDARDS: 100% understanding of printed content

TASK: Read for information
CONDITIONS: Given printed MOS training materials in the form of a range card
STANDARDS: 100% understanding of printed content

TASK: Write to record
CONDITIONS: Given a requirement to complete a range card
STANDARDS: 100% understandable and legible written content

III. TASK NUMBERS AND TITLES

| | |
|--------------|--|
| 051-191-1196 | Maintain an M60 machinegun and ammunition |
| 051-191-1192 | Load, reduce a stoppage, unload, and clear an M60 machinegun |
| 051-191-9197 | Zero an M60 machinegun |
| 051-191-9193 | Engage targets with an M60 machinegun |

051-191-9194 Use aiming and firing stakes for the M60 machinegun
051-191-9195 Construct M60 machinegun position
051-191-9198 Prepare a range card for an M60 machinegun

ENGINEER TOOLS

I. PERCENTAGE LANGUAGE SKILLS

| | |
|-----------|-----|
| Listening | 63% |
| Speaking | 43% |
| Reading | 33% |
| Writing | 32% |

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

| | |
|-------------|---|
| TASK: | Listen to learn |
| CONDITIONS: | Given oral instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7) |
| STANDARDS: | 100% understanding of oral communication |
| TASK: | Produce appropriate oral responses spontaneously or upon request |
| CONDITIONS: | Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7) |
| STANDARDS: | 100% understandable oral responses |
| TASK: | Read to learn |
| CONDITIONS: | Given printed MOS training materials in the form of instructions, descriptions and captioned illustrations |
| STANDARDS: | 100% understanding of printed content |
| TASK: | Write to record and report |
| CONDITIONS: | Given the requirement to complete forms and make written reports |
| STANDARDS: | 100% understandable and legible written content |

III. TASK NUMBERS AND TITLES

051-201-1001 Use and maintain hand tools

FIELD FORTIFICATIONS

I. PERCENTAGE LANGUAGE SKILLS

| | |
|-----------|-----|
| Listening | 64% |
| Speaking | 44% |
| Reading | 27% |
| Writing | 27% |

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK: Listen to learn and perform
CONDITIONS: Given oral instructions or verbal commands in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS: 100% understanding of oral communication

TASK: Produce appropriate oral responses spontaneously or upon request
CONDITIONS: Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS: 100% understandable oral responses

TASK: Read to learn
CONDITIONS: Given printed MOS training materials in the form of captioned illustrations, procedures and references
STANDARDS: 100% understanding of printed content

TASK: Write to record and report
CONDITIONS: Given the requirement to complete forms and make written reports
STANDARDS: 100% understandable and legible written content

III. TASK NUMBERS AND TITLES

| | |
|--------------|---|
| 051-195-1001 | Install pickets and make barbed wire/barbed tape ties |
| 051-195-1002 | Install concertina |

FIXED BRIDGING

I. PERCENTAGE LANGUAGE SKILLS

| | |
|-----------|-----|
| Listening | 59% |
| Speaking | 51% |
| Reading | 41% |
| Writing | 34% |

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

| | |
|-------------|---|
| TASK: | Listen to learn |
| CONDITIONS: | Given oral instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7) |
| STANDARDS: | 100% understanding of oral communication |
| TASK: | Produce appropriate oral responses spontaneously or upon request |
| CONDITIONS: | Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7) |
| STANDARDS: | 100% understandable oral responses |
| TASK: | Read to learn |
| CONDITIONS: | Given printed MOS training materials in the form of procedures, descriptions, captioned illustrations and references |
| STANDARDS: | 100% understanding of printed content |
| TASK: | Write to record and report |
| CONDITIONS: | Given a requirement to complete forms and make written reports |
| STANDARDS: | 100% understandable and legible written content |

III. TASK NUMBERS AND TITLES

| | |
|--------------|---|
| 051-197-1001 | Identify trestle components |
| 051-197-1002 | Identify Bailey bridge components |
| 051-197-1019 | Identify erection components used to erect a medium girder bridge (MGB) |
| 051-197-1020 | Identify medium girder bridge components |
| 051-197-2021 | Maintain fixed bridges |

MOBILE ASSAULT BRIDGE

I. PERCENTAGE LANGUAGE SKILLS

| | |
|-----------|----|
| Listening | 0% |
| Speaking | 0% |
| Reading | 0% |
| Writing | 0% |

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK: Listen to learn and perform
CONDITIONS: Given oral instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS: 100% understanding of oral communication

TASK: Produce oral utterances to interact
CONDITIONS: Given the requirement to orally respond in a team situation
STANDARDS: 100% understandable oral utterances

TASK: Read to learn
CONDITIONS: Given printed MOS training materials in the form of captioned illustrations, warnings, procedures and references
STANDARDS: 100% understanding of printed content

TASK: Read for information
CONDITIONS: Given printed MOS training materials in the form of instructions, captioned illustrations, explanations and procedures
STANDARDS: 100% understanding of printed content

TASK: Write to record and report
CONDITIONS: Given a requirement to complete DA forms and logs
STANDARDS: 100% understandable and legible written content

III. TASK NUMBERS AND TITLES

| | |
|--------------|--|
| 051-198-9036 | Perform operator and crew maintenance on mobile assault bridge transporter (crewman) |
| 051-198-9037 | Perform operator/crew maintenance on mobile assault bridge superstructure (crewman) |
| 051-198-9038 | Assist in preparing mobile assault bridge for land /water operation (crewman and marine pilot) |
| 051-198-9039 | Assist in mobile assault bridge land operations (crewman and marine pilot) |
| 051-198-9040 | Operate mobile assault bridge in water operations (marine pilot) |
| 051-198-9041 | Assist in connecting mobile assault bridge super-structures (crewman) |

RECONNAISSANCE

I. PERCENTAGE LANGUAGE SKILLS

| | |
|-----------|-----|
| Listening | 55% |
| Speaking | 50% |
| Reading | 52% |
| Writing | 42% |

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK: Listen to learn and perform
CONDITIONS: Given oral instructions or verbal commands in any training situation (Appendix 4), using standard and non-structural and lexical items (Appendices 5 & 7)
STANDARDS: 100% understanding of oral communication

TASK: Produce appropriate oral responses spontaneously or upon request
CONDITIONS: Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS: 100% understandable oral responses

TASK: Produce oral utterances to interact
CONDITIONS: Given a requirement to perform as a team member in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS: 100% understandable oral utterances

TASK: Read to learn
CONDITIONS: Given printed MOS training materials in the form of procedures, descriptions, labeled diagrams and references
STANDARDS: 100% understanding of printed content

TASK: Write to record and report
CONDITIONS: Given a requirement to complete forms and make written reports
STANDARDS: 100% understandable and legible written content

III. TASK NUMBERS AND TITLES

| | |
|--------------|---------------------------|
| 051-196-2001 | Identify limiting slopes |
| 051-196-2002 | Identify limiting curves |
| 051-196-2003 | Determine stream width |
| 051-196-2004 | Determine stream velocity |

RIGGING

I. PERCENTAGE LANGUAGE SKILLS

| | |
|-----------|-----|
| Listening | 75% |
| Speaking | 45% |
| Reading | 20% |
| Writing | 21% |

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK: Listen to learn and perform
CONDITIONS: Given oral instructions and procedures in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS: 100% understanding of oral communication

TASK: Produce appropriate oral responses spontaneously or upon request
CONDITIONS: Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS: 100% understandable oral responses

TASK: Read to learn
CONDITIONS: Given printed MOS training materials in the form of instructions, captioned illustrations and references
STANDARDS: 100% understanding of printed content

III. TASK NUMBERS AND TITLES

| | |
|--------------|------------------------------|
| 051-200-1001 | Tie knots and lashings |
| 051-200-1002 | Reeve a simple tackle system |

RIVER CROSSING OPERATIONS

I. PERCENTAGE LANGUAGE SKILLS

| | |
|-----------|-----|
| Listening | 49% |
| Speaking | 40% |
| Reading | 29% |
| Writing | 29% |

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK: Listen to learn and perform
CONDITIONS: Given oral instructions, procedures and explanations in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS: 100% understanding of oral information

TASK: Listen for information
CONDITIONS: Given oral instructions to perform task specific assignments in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS: 100% understanding of oral information

TASK: Produce appropriate oral responses spontaneously or upon request
CONDITIONS: Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS: 100% understandable oral responses

TASK: Read to learn
CONDITIONS: Given printed MOS training materials in the form of captioned illustrations, warnings, procedures and references
STANDARDS: 100% understanding of printed content

TASK: Write to record and report
CONDITIONS: Given a requirement to complete DA forms and logs
STANDARDS: 100% understandable and legible written content

III. TASK NUMBERS AND TITLES

| | |
|--------------|---|
| 051-198-1001 | Operate a pneumatic assault boat |
| 051-198-1002 | Identify M4T6 float bridge components |
| 051-198-1004 | Identify LTR (Light Tactical Raft) components |
| 051-198-1005 | Identify float bridge anchorage systems components |
| 051-198-1006 | Identify components of bridge erection set, floating bridge |
| 051-198-1020 | Launch bridge erection boat (BEB) |
| 051-198-1021 | Launch ribbon bridge bays |
| 051-198-1022 | Connect components of ribbon bridge (with assistance) |
| 051-198-1023 | Recover ribbon bridge bays |

V-33-12C

52

| | |
|--------------|---|
| 051-198-1024 | Operate outboard motor |
| 051-198-1025 | Operate bridge erection boat |
| 051-198-1026 | Guide a crane operator |
| 051-198-1027 | Guide a boat operator |
| 051-198-1045 | Maintain pneumatic assault boats and 24-ton pneumatic floats |
| 051-198-1046 | Perform operator maintenance on outboard motors |
| 051-198-1047 | Perform operator maintenance on bridge erection boat (BEB) |
| 051-198-2007 | Classify vehicles using expedient methods |
| 051-198-2008 | Assemble light tactical raft (LTR)/bridge components |
| 051-198-2028 | Load/unload rafts |
| 051-198-2029 | Install bridge protective devices |
| 051-198-2030 | Prepare mobile assault bridge (MAB) for land/water operation (crew chief) |
| 051-198-2031 | Operate mobile assault bridge (MAB) on land (crew chief) |
| 051-198-2032 | Operate mobile assault bridge (MAB) in water (crew chief) |
| 051-198-2033 | Connect mobile assault bridge superstructure for rafting/bridging operations (crew chief) |
| 051-198-2034 | Launch and operate bridge erection boat |
| 051-198-2035 | Maintain float bridges |
| 051-198-2042 | Inspect the handling, repair, and storage of 15-man pneumatic assault boats and 24-ton pneumatic floats |
| 051-198-2043 | Perform operator and crew maintenance on mobile assault bridge transporter (crew chief) |
| 051-198-2044 | Perform operator and crew maintenance on mobile assault bridge superstructure (crew chief) |

SECTION VI

JOB LANGUAGE PERFORMANCE REQUIREMENTS (Entire MOS)

INTRODUCTION

This section contains language tasks for each generic skill for this MOS. Listed below each task are the types of receptive or productive language activity involved.

LISTENING

TASK: Understand oral language intended to inform or instruct.

CONDITIONS: Given explanations, procedures, rules, instructions or definitions in simple to complex lexicon and syntax, formal or informal registers, casual or colloquial speech, military jargon, slang or dialectical speech in any training situation. (Appendices 4, 5 & 6)

STANDARDS: 100% understanding and assimilation of presented oral language task.

The following are specific conditions found in this language task:

Warnings
Described situations
Directions
Lectures
Commands, Orders
Sound tracks (films, tapes)
Standard/Non-standard English
Instructions
SQT questions

TASK: Understand spontaneous oral language or language via a technical medium - such as a radio telephone - intended to inform and elicit responses.

CONDITIONS: Given scenarios, questions, commands or requests in simple to complex lexicon and syntax, formal or informal registers, casual or colloquial speech, military jargon, slang or dialectical speech in any training situation. (Appendices 4, 5, & 6)

STANDARDS: 100% understanding and assimilation of oral language in order to apply and respond.

The following are specific conditions found in this language task:

Shouting
Radio communications
Coded messages
Spellings
Conversation
Requests

SPEAKING

- TASK:** Formulate and produce appropriate oral responses spontaneously.
- CONDITIONS:** Given any verbal stimulus in the form of questions, scenarios, instructions, or cues in any training situation.
(Appendices 5 & 6)
- STANDARDS:** 100% understandable oral response using correct lexicon and syntax for the training situation.

The following are specific conditions found in the language task:

Explanations
Statements
Repetitions
Counting
Corrections
Assignments
Notifications
Oral reports
Answers
Clarifications
Information

- TASK:** Produce oral utterances to interact and communicate spontaneously or via a technical medium such as radio telephone.
- CONDITIONS:** Given a communicative situation (Appendices 4, 5, & 6 Soldier's Manual) in any training situation.
- STANDARDS:** 100% understandable communication using correct lexicon and syntax for the communication act.

The following are specific conditions found in this language task:

Requesting information
Requesting permission
Transmitting messages
Call signs
Vocal signals
Shout warnings
Radio communications
Target locations
Directions (N,S,E,W)
Directions, general
Requests for fire
Report on the results of fire
Challenges/Passwords
Training sessions
Interaction

READING

- TASK:** Read MOS training in the form of printed prose or graphic representations in order to learn processes, concepts, vocabulary, definitions and identifications, to calculate problems, intercept codes and complete forms.
- CONDITIONS:** Given technical, non-technical, lexical and structural features in simple to complex printed form in any training situation.
(Appendices 4, 5 & 6)
- STANDARDS:** 100% understanding of printed content.

The following are specific conditions found in this language task:
Captions with illustrations.

| | |
|--------------------|-------------------------------|
| Lists | Extracts |
| Procedures | Columns |
| Information | Indices |
| Definitions | Charts |
| Outlines | Methods |
| Signs | Technical Vocabulary |
| Markers | Standard Operating Procedures |
| References | Cartoons |
| Rules | Problems |
| Maps | Manuals |
| Flags | Graphic Training Aids |
| Military Documents | |
| I.D. Papers | |
| Regulations | |

- TASK:** Identify, understand, and interpret written utterances pertinent to MOS training in technical or non-technical language.
- CONDITIONS:** Given technical, non-technical, lexical and structural features in simple to complex written form in any training situation.
(Appendices 4, 5 & 6)
- STANDARDS:** 100% understanding of written content.

The following are specific conditions found in this language task:

Lists
Information
Descriptions
Radiation readings off dosimeter
Coordinate scales
Callsigns-suffices
Three-letter codes
Examples
Calculations
Markings
Radio communications
Range cards
Notes
Messages

WRITING

- TASK:** Upon instruction, write in conventional orthography, letter, numbers, words or sentences appropriate to the training situation.
- CONDITIONS:** Given standardized forms, paper or answer sheets and the instructions to list, answer, describe or recall.
- STANDARDS:** 100% syntactical and lexical correctness and legibility of writing which is also appropriate in style and usage to training situations. (Appendix 4)

The following are specific conditions found in this language task:

Ratings
Signatures
Range cards
Data symbols
Answers
Descriptions
Notes
Reports

- TASK:** Write, in conventional orthography, letters, or specialized code, numbers, words or sentences in order to transmit or record information.

CONDITIONS: Given standardized forms or paper and oral communication.

STANDARDS: 100% syntactical and lexical correctness of writing which can be read by another speaker of English.

The following are specific conditions found in this language task:

Technical forms
Codes
Grid coordinates
Decoded messages
Encoded messages
Logbooks
Plottings
Figures
Reports
Tags
Range cards
Applicable DA forms

APPENDICES

1. Task Prioritization Checklist
2. Task Inventory Compiled Data Forms
3. Percentage Language Skills
4. Observation Form
5. Structural/Lexical list
6. Vocabulary (DLIELC in-house)
7. Vocabulary (machine-generated)
8. English Language Structures

APPENDIX 1

TASK PRIORITIZATION CHECKLIST

This Checklist was approved by the
Department of the Army in 1980.

YOUR CURRENT MOS: _____
(PRESENTLY WORKING IN)

MOS IN WHICH YOU WERE TRAINED: _____
POSITION: _____
UNIT: _____

RATING: 1=low
2= med
3= high

YES NO IS TASK TAUGHT?

LISTENING*
SPEAKING*
READING*
WRITING*
OF:

LECTURE
SELF-PACED
DEMONSTRATION
HANDS-ON
TAUGHT

YES NO IS TASK TESTED?

WRITTEN
ORAL
PERFORMANCE
PERSON
EQUIPMENT
TESTED? PERFORMER RESULTS IN DANGER TO EQUIPMENT

APPENDIX 2

TASK INVENTORY COMPILED DATA FORM

This form was used to record data from
the Task Prioritization Checklist.

62

| PAGE OF | | DATA OBTAINED FROM _____ TRAINING SPECIALIST _____ | |
|--|---------------------|--|--------------|
| RATING OF ELS | writing | | |
| | reading | | |
| | speaking | | |
| | listening | | |
| METHODS OF TESTING | written | | |
| | oral | | |
| | performance | | |
| METHODS OF TEACHING | self-paced | | |
| | hands-on | | |
| | demonstration | | |
| | lecture | | |
| CRITICALITY | danger to person or | | |
| | equipment | | |
| | importance | | |
| UNIT | difficult? | | |
| | tested? | | |
| MOS _____ NUMBER OF RESPONDENTS _____ | | | |
| DATA OBTAINED FROM _____ TRAINING SPECIALIST _____ | | | |
| RATING OF ELS | writing | | |
| | reading | | |
| | speaking | | |
| | listening | | |
| METHODS OF TESTING | written | | |
| | oral | | |
| | performance | | |
| METHODS OF TEACHING | self-paced | | |
| | hands-on | | |
| | demonstration | | |
| | lecture | | |
| CRITICALITY | danger to person or | | |
| | equipment | | |
| | importance | | |
| AIT | difficult? | | |
| | tested? | | |
| | taught? | | |
| TASK NUMBER | | 051-11-1001 | 051-11-1002 |
| | | | 051-151-1006 |

| PAGE OF | | MOS | NUMBER OF RESPONDENTS | |
|---------------------------|---------------------|--------------------|-----------------------|---------------------|
| | | DATA OBTAINED FROM | | TRAINING SPECIALIST |
| RATING OF ELS | writing | | | |
| | reading | | | |
| | speaking | | | |
| | listening | | | |
| METHODS OF TESTING | written | | | |
| | oral | | | |
| | performance | | | |
| METHODS OF TEACHING | self-paced | | | |
| | hands-on | | | |
| | demonstration | | | |
| | lecture | | | |
| CRITICALITY | danger to person or | | | |
| | equipment | | | |
| | importance | | | |
| UNIT | difficult? | | | |
| | tested? | | | |
| | | MOS | NUMBER OF RESPONDENTS | |
| | | DATA OBTAINED FROM | | TRAINING SPECIALIST |
| RATING OF ELS | writing | | | |
| | reading | | | |
| | speaking | | | |
| | listening | | | |
| METHODS OF TESTING | written | | | |
| | oral | | | |
| | performance | | | |
| METHODS OF TEACHING | self-paced | | | |
| | hands-on | | | |
| | demonstration | | | |
| | lecture | | | |
| CRITICALITY | danger to person or | | | |
| | equipment | | | |
| | importance | | | |
| AIT | difficult? | | | |
| | tested? | | | |
| | taught? | | | |
| TASK NUMBER | | | | |

| PAGE OF | | MOS | NUMBER OF RESPONDENTS | | | | | | | | | | | | | | | | | | |
|---------------------------|---------------------|---|-----------------------|---|---|---|---|---|---|---|----|-----------------------|------|------|---|---|---|---|---|---|----|
| | | DATA OBTAINED FROM <u>GERMANY / ET AL</u> TRAINING SPECIALIST | | | | | | | | | | | | | | | | | | | |
| RATING OF ELS | writing | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| | reading | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| | speaking | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| | listening | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| METHODS OF TESTING | written | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| | oral | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| | performance | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| METHODS OF TEACHING | self-paced | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| | hands-on | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| | demonstration | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| CRITICALITY | danger to person or | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| | equipment | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| | importance | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| UNIT | difficult? | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| | tested? | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| | | MOS | | | | | | | | | | NUMBER OF RESPONDENTS | | | | | | | | | |
| | | DATA OBTAINED FROM | | | | | | | | | | TRAINING SPECIALIST | | | | | | | | | |
| RATING OF ELS | writing | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| | reading | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| | speaking | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| | listening | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| METHODS OF TESTING | written | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| | oral | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| | performance | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| METHODS OF TEACHING | self-paced | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| | hands-on | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| | demonstration | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| CRITICALITY | danger to person or | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| | equipment | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| | importance | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| ATT | difficult? | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| | tested? | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| | taught? | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| TASK NUMBER | | 1002 | 1003 | | | | | | | | | 1001 | 1002 | 1003 | | | | | | | |

DATA OBTAINED FROM GERMANY / ET. HUNG TRAINING SPECIALIST

DATA OBTAINED FROM _____ TRAINING SPECIALIST

051-191-1034

051-191-1036

MOS

NUMBER OF RESPONDENTS

12

DATA OBTAINED FROM GERMANY/FT. HOOD TRAINING SPECIALIST

| RATING OF ELS | writing | | | | | | | | | | | | reading | | | | | | | | | | | | speaking | | | | | | | | | | | | listening | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------|---------------------|--|--|--|--|--|--|--|--|--|--|--|---------------------|--|--|--|--|--|--|--|--|--|--|--|---------------|--|--|--|--|--|--|--|--|--|--|--|------------|--|--|--|--|--|--|--|--|--|--|--|---------------------|--|--|--|--|--|--|--|--|--|--|--|---------------|--|--|--|--|--|--|--|--|--|--|--|------------|--|--|--|--|--|--|--|--|--|--|--|------------|--|--|--|--|--|--|--|--|--|--|--|---------|--|--|--|--|--|--|--|--|--|--|--|
| | METHODS OF TESTING | | | | | | | | | | | | METHODS OF TEACHING | | | | | | | | | | | | CRITICALITY | | | | | | | | | | | | UNIT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| METHODS OF TESTING | written | | | | | | | | | | | | oral | | | | | | | | | | | | performance | | | | | | | | | | | | self-paced | | | | | | | | | | | | hands-on | | | | | | | | | | | | demonstration | | | | | | | | | | | | lecture | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | danger to person or | | | | | | | | | | | | equipment | | | | | | | | | | | | importance | | | | | | | | | | | | difficult? | | | | | | | | | | | | tested? | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| METHODS OF TEACHING | self-paced | | | | | | | | | | | | hands-on | | | | | | | | | | | | demonstration | | | | | | | | | | | | lecture | | | | | | | | | | | | danger to person or | | | | | | | | | | | | equipment | | | | | | | | | | | | importance | | | | | | | | | | | | difficult? | | | | | | | | | | | | tested? | | | | | | | | | | | |
| | danger to person or | | | | | | | | | | | | equipment | | | | | | | | | | | | importance | | | | | | | | | | | | difficult? | | | | | | | | | | | | tested? | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CRITICALITY | danger to person or | | | | | | | | | | | | equipment | | | | | | | | | | | | importance | | | | | | | | | | | | difficult? | | | | | | | | | | | | tested? | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | danger to person or | | | | | | | | | | | | equipment | | | | | | | | | | | | importance | | | | | | | | | | | | difficult? | | | | | | | | | | | | tested? | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| UNIT | danger to person or | | | | | | | | | | | | equipment | | | | | | | | | | | | importance | | | | | | | | | | | | difficult? | | | | | | | | | | | | tested? | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | danger to person or | | | | | | | | | | | | equipment | | | | | | | | | | | | importance | | | | | | | | | | | | difficult? | | | | | | | | | | | | tested? | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| METHODS OF TESTING | written | | | | | | | | | | | | oral | | | | | | | | | | | | performance | | | | | | | | | | | | self-paced | | | | | | | | | | | | hands-on | | | | | | | | | | | | demonstration | | | | | | | | | | | | lecture | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | danger to person or | | | | | | | | | | | | equipment | | | | | | | | | | | | importance | | | | | | | | | | | | difficult? | | | | | | | | | | | | tested? | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| METHODS OF TEACHING | self-paced | | | | | | | | | | | | hands-on | | | | | | | | | | | | demonstration | | | | | | | | | | | | lecture | | | | | | | | | | | | danger to person or | | | | | | | | | | | | equipment | | | | | | | | | | | | importance | | | | | | | | | | | | difficult? | | | | | | | | | | | | tested? | | | | | | | | | | | |
| | danger to person or | | | | | | | | | | | | equipment | | | | | | | | | | | | importance | | | | | | | | | | | | difficult? | | | | | | | | | | | | tested? | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CRITICALITY | danger to person or | | | | | | | | | | | | equipment | | | | | | | | | | | | importance | | | | | | | | | | | | difficult? | | | | | | | | | | | | tested? | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | danger to person or | | | | | | | | | | | | equipment | | | | | | | | | | | | importance | | | | | | | | | | | | difficult? | | | | | | | | | | | | tested? | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| UNIT | danger to person or | | | | | | | | | | | | equipment | | | | | | | | | | | | importance | | | | | | | | | | | | difficult? | | | | | | | | | | | | tested? | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | danger to person or | | | | | | | | | | | | equipment | | | | | | | | | | | | importance | | | | | | | | | | | | difficult? | | | | | | | | | | | | tested? | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TASK NUMBER | 051-191-1037 | | | | | | | | | | | | 051-191-1038 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 051-191-1037 | | | | | | | | | | | | 051-191-1038 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| TASK NUMBER | AIT | CRITICALITY | METHODS OF TEACHING | METHODS OF TESTING | RATING OF ELS | UNIT | IMPORTANCE | EQUIPMENT | DANGER TO PERSON OR | MOS | | NUMBER OF RESPONDENTS | | DATA OBTAINED FROM | | TRAINING SPECIALIST | |
|--------------|-----|-------------|--|--------------------------------|---|-----------------------|------------|-----------|---------------------|------------|---------|-----------------------|--|--------------------|--|---------------------|--|
| | | | | | | | | | | difficult? | tested? | | | | | | |
| 051-191-1061 | | | self-paced hands-on demonstration lecture | written oral performance | writing reading speaking listening | difficult? tested? | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| 051-191-2062 | | | self-paced hands-on demonstration lecture | written oral performance | writing reading speaking listening | difficult? tested? | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |

| PAGE 6 OF 12 | | MOS | NUMBER OF RESPONDENTS |
|---------------------|---------------------|--|-----------------------|
| | | DATA OBTAINED FROM TRAINING SPECIALIST | |
| RATING OF ELS | writing | | |
| | reading | | |
| | speaking | | |
| | listening | | |
| METHODS OF TESTING | written | | |
| | oral | | |
| | performance | | |
| METHODS OF TEACHING | self-paced | | |
| | hands-on | | |
| | demonstration | | |
| | lecture | | |
| CRITICALITY | danger to person or | | |
| | equipment | | |
| | importance | | |
| UNIT | difficult? | | |
| | tested? | | |
| | | MOS | NUMBER OF RESPONDENTS |
| | | DATA OBTAINED FROM TRAINING SPECIALIST | |
| RATING OF ELS | writing | | |
| | reading | | |
| | speaking | | |
| | listening | | |
| METHODS OF TESTING | written | | |
| | oral | | |
| | performance | | |
| METHODS OF TEACHING | self-paced | | |
| | hands-on | | |
| | demonstration | | |
| | lecture | | |
| CRITICALITY | danger to person or | | |
| | equipment | | |
| | importance | | |
| AIT | difficult? | | |
| | tested? | | |
| | taught? | | |
| TASK NUMBER | | 051-111-1063 | 051-111-1366 |
| | | | 146-111-1464 |

| PAGE 49 OF 50 | | MOS <u>170</u> | NUMBER OF RESPONDENTS <u>1</u> |
|---------------------|---------------------|---|--------------------------------|
| | | DATA OBTAINED FROM <u>GERMANY/ET HOLL</u> | TRAINING SPECIALIST |
| RATING OF ELS | writing | | |
| | reading | | |
| | speaking | | |
| | listening | | |
| METHODS OF TESTING | written | | |
| | oral | | |
| | performance | | |
| METHODS OF TEACHING | self-paced | | |
| | hands-on | | |
| | demonstration | | |
| | lecture | | |
| CRITICALITY | danger to person or | | |
| | equipment | | |
| | importance | | |
| UNIT | difficult? | | |
| | tested? | | |
| | | MOS | NUMBER OF RESPONDENTS |
| | | DATA OBTAINED FROM | TRAINING SPECIALIST |
| RATING OF ELS | writing | | |
| | reading | | |
| | speaking | | |
| | listening | | |
| METHODS OF TESTING | written | | |
| | oral | | |
| | performance | | |
| METHODS OF TEACHING | self-paced | | |
| | hands-on | | |
| | demonstration | | |
| | lecture | | |
| CRITICALITY | danger to person or | | |
| | equipment | | |
| | importance | | |
| AIT | difficult? | | |
| | tested? | | |
| | taught? | | |
| TASK NUMBER | | 051-111365 | 051-191-1462 |

| TASK NUMBER | AIT | CRITICALITY | METHODS OF TEACHING | METHODS OF TESTING | RATING OF ELS | UNIT | IMPORTANCE | EQUIPMENT | DANGER TO PERSON OR | MOS | | NUMBER OF RESPONDENTS | | DATA OBTAINED FROM | | TRAINING SPECIALIST | |
|----------------|-----|-------------|--|--------------------------------|---|-----------------------|------------|-----------|------------------------|------------|---------|-----------------------|--|--------------------|--|---------------------|--|
| | | | | | | | | | | difficult? | tested? | | | | | | |
| 1-41-1463 | | | self-paced hands-on demonstration lecture | written oral performance | writing reading speaking listening | difficult? tested? | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| 1-41-2398 | | | self-paced hands-on demonstration lecture | written oral performance | writing reading speaking listening | difficult? tested? | | | | | | | | | | | |
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PAGE 11
OF 11

MOS 12 C

NUMBER OF RESPONDENTS 12

DATA OBTAINED FROM GERMANY/FT. HOOD TRAINING SPECIALIST

| TASK NUMBER | AIT | CRITICALITY | METHODS OF TEACHING | METHODS OF TESTING | RATING OF ELS | UNIT | | MOS | NUMBER OF RESPONDENTS | DATA OBTAINED FROM | TRAINING SPECIALIST |
|-------------|-----|---|--|--------------------------------|---------------|------------|---------|------|-----------------------|--------------------|---------------------|
| | | | | | | difficult? | tested? | | | | |
| 05-141-1361 | | danger to person or equipment importance | self-paced hands-on demonstration lecture | written oral performance | writing | | | 12 C | 12 | GERMANY/FT. HOOD | |
| | | | | | reading | | | | | | |
| | | | | | speaking | | | | | | |
| | | | | | listening | | | | | | |
| 05-141-1362 | | danger to person or equipment importance | self-paced hands-on demonstration lecture | written oral performance | writing | | | 12 C | 12 | GERMANY/FT. HOOD | |
| | | | | | reading | | | | | | |
| | | | | | speaking | | | | | | |
| | | | | | listening | | | | | | |
| 05-141-1363 | | danger to person or equipment importance | self-paced hands-on demonstration lecture | written oral performance | writing | | | 12 C | 12 | GERMANY/FT. HOOD | |
| | | | | | reading | | | | | | |
| | | | | | speaking | | | | | | |
| | | | | | listening | | | | | | |

PAGE 12
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MOS

122

NUMBER OF RESPONDENTS

12

DATA OBTAINED FROM

GERMANY / ET AL

TRAINING SPECIALIST

| RATING OF ELS | METHODS OF TESTING | METHODS OF TEACHING | CRITICALITY | UNIT | | TASK NUMBER |
|---------------------|--------------------------|---------------------------|---|---|-----------------------|----------------|
| | | | | danger to person or equipment importance | difficult? tested? | |
| writing | written | self-paced | danger to person or equipment importance | difficult? | tested? | 051-191-1017 |
| reading | oral | hands-on | | | | |
| speaking | performance | demonstration | | | | |
| listening | | lecture | | | | |
| | | | | | | 051-191-1011 |
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| | | | | | | 051-191-1015 |
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| PAGE 1 OF 1 | | MOS <u>12</u> | NUMBER OF RESPONDENTS <u>12</u> |
|---------------------|---------------------|---|---|
| | | DATA OBTAINED FROM <u>TRAINING SPECIALIST</u> | TRAINING SPECIALIST |
| RATING OF ELS | writing | 1 1 1 1 1 1 1 1 1 1 1 1 | 1 1 1 1 1 1 1 1 1 1 1 1 |
| | reading | 1 1 1 1 1 1 1 1 1 1 1 1 | 1 1 1 1 1 1 1 1 1 1 1 1 |
| | speaking | 1 1 1 1 1 1 1 1 1 1 1 1 | 1 1 1 1 1 1 1 1 1 1 1 1 |
| | listening | 1 1 1 1 1 1 1 1 1 1 1 1 | 1 1 1 1 1 1 1 1 1 1 1 1 |
| METHODS OF TESTING | written | 1 1 1 1 1 1 1 1 1 1 1 1 | 1 1 1 1 1 1 1 1 1 1 1 1 |
| | oral | 1 1 1 1 1 1 1 1 1 1 1 1 | 1 1 1 1 1 1 1 1 1 1 1 1 |
| | performance | 1 1 1 1 1 1 1 1 1 1 1 1 | 1 1 1 1 1 1 1 1 1 1 1 1 |
| METHODS OF TEACHING | self-paced | 1 1 1 1 1 1 1 1 1 1 1 1 | 1 1 1 1 1 1 1 1 1 1 1 1 |
| | hands-on | 1 1 1 1 1 1 1 1 1 1 1 1 | 1 1 1 1 1 1 1 1 1 1 1 1 |
| | demonstration | 1 1 1 1 1 1 1 1 1 1 1 1 | 1 1 1 1 1 1 1 1 1 1 1 1 |
| | lecture | 1 1 1 1 1 1 1 1 1 1 1 1 | 1 1 1 1 1 1 1 1 1 1 1 1 |
| CRITICALITY | danger to person or | 1 1 5 5 5 5 1 1 5 1 1 1 5 5 5 5 1 5 5 1 1 1 | 1 1 5 5 5 5 1 1 5 1 1 1 5 5 5 5 1 5 5 1 1 1 |
| | equipment | 1 1 5 5 5 5 1 1 5 1 1 1 5 5 5 5 1 5 5 1 1 1 | 1 1 5 5 5 5 1 1 5 1 1 1 5 5 5 5 1 5 5 1 1 1 |
| | importance | 1 1 5 5 5 5 1 1 5 1 1 1 5 5 5 5 1 5 5 1 1 1 | 1 1 5 5 5 5 1 1 5 1 1 1 5 5 5 5 1 5 5 1 1 1 |
| UNIT | difficult? | 1 | 1 |
| | tested? | 1 | 1 |
| | | MOS <u>12</u> | NUMBER OF RESPONDENTS <u>12</u> |
| | | DATA OBTAINED FROM <u>TRAINING SPECIALIST</u> | TRAINING SPECIALIST |
| RATING OF ELS | writing | | |
| | reading | | |
| | speaking | | |
| | listening | | |
| METHODS OF TESTING | written | | |
| | oral | | |
| | performance | | |
| METHODS OF TEACHING | self-paced | | |
| | hands-on | | |
| | demonstration | | |
| | lecture | | |
| CRITICALITY | danger to person or | | |
| | equipment | | |
| | importance | | |
| AIT | difficult? | | |
| | tested? | | |
| | taught? | | |
| TASK NUMBER | | 054-191-1096 | 054-191-1098 |

| UNIT | CRITICALITY | METHODS OF TEACHING | | METHODS OF TESTING | | RATING OF ELS | | |
|------|--|---------------------|----------|--------------------|---------|---------------|------|-------------|
| | | self-paced | hands-on | demonstration | lecture | written | oral | performance |
| 1 | danger to person or equipment importance | difficult? | | | | | | |
| | | tested? | 2 | 0 | 2 | 2 | 2 | 2 |
| 2 | danger to person or equipment importance | difficult? | | | | | | |
| | | tested? | 2 | 0 | 2 | 2 | 2 | 2 |
| 3 | danger to person or equipment importance | difficult? | | | | | | |
| | | tested? | 2 | 0 | 2 | 2 | 2 | 2 |
| 4 | danger to person or equipment importance | difficult? | | | | | | |
| | | tested? | 2 | 0 | 2 | 2 | 2 | 2 |
| 5 | danger to person or equipment importance | difficult? | | | | | | |
| | | tested? | 2 | 0 | 2 | 2 | 2 | 2 |
| 6 | danger to person or equipment importance | difficult? | | | | | | |
| | | tested? | 2 | 0 | 2 | 2 | 2 | 2 |
| 7 | danger to person or equipment importance | difficult? | | | | | | |
| | | tested? | 2 | 0 | 2 | 2 | 2 | 2 |
| 8 | danger to person or equipment importance | difficult? | | | | | | |
| | | tested? | 2 | 0 | 2 | 2 | 2 | 2 |
| 9 | danger to person or equipment importance | difficult? | | | | | | |
| | | tested? | 2 | 0 | 2 | 2 | 2 | 2 |
| 10 | danger to person or equipment importance | difficult? | | | | | | |
| | | tested? | 2 | 0 | 2 | 2 | 2 | 2 |

TRAINING SPECIALIST

| TASK NUMBER | AIT | CRITICALITY | METHODS OF TEACHING | METHODS OF TESTING | RATING OF ELS |
|----------------|------------|---|--|--------------------------------|---------------------|
| 51-191-1517 | difficult? | danger to person or equipment importance | self-paced hands-on demonstration lecture | written oral performance | writing |
| | tested? | | | | reading |
| | taught? | | | | speaking |
| | | | | | listening |
| 51-191-1518 | | | | | |
| 1518 CONT. | | | | | |
| 51-191-1519 | | | | | |

| PAGE 11 OF 11 | | MOS 125 | NUMBER OF RESPONDENTS 11 |
|---------------------|---------------------|--|--------------------------|
| | | DATA OBTAINED FROM <u>GERMAN / FT HODD</u> TRAINING SPECIALIST | |
| RATING OF ELS | writing | / | / |
| | reading | / | / |
| | speaking | / | / |
| | listening | / | / |
| METHODS OF TESTING | written | / | / |
| | oral | / | / |
| | performance | / | / |
| METHODS OF TEACHING | self-paced | / | / |
| | hands-on | / | / |
| | demonstration | / | / |
| | lecture | / | / |
| CRITICALITY | danger to person or | 5 | 5 |
| | equipment | 5 | 5 |
| | importance | 5 | 5 |
| UNIT | difficult? | - | - |
| | tested? | 2 | 2 |
| | | MOS | NUMBER OF RESPONDENTS |
| | | DATA OBTAINED FROM TRAINING SPECIALIST | |
| RATING OF ELS | writing | | |
| | reading | | |
| | speaking | | |
| | listening | | |
| METHODS OF TESTING | written | | |
| | oral | | |
| | performance | | |
| METHODS OF TEACHING | self-paced | | |
| | hands-on | | |
| | demonstration | | |
| | lecture | | |
| CRITICALITY | danger to person or | | |
| | equipment | | |
| | importance | | |
| AIT | difficult? | | |
| | tested? | | |
| | taught? | | |
| TASK NUMBER | 1519 CONT | 151-191-1520 | 151-191-1521 |

DATA OBTAINED FROM GERMANY/FT. HOOD TRAINING SPECIALIST

[illegible]

| RATING OF ELS | METHODS OF TESTING | METH .DS OF TEACHING | CRITICALITY | UNIT |
|---|--------------------------------|--|--|-----------------------------------|
| writing reading speaking listening | written oral performance | self-paced hands-on demonstration lecture | danger to person or equipment importance | difficult? tested? |
| MOS _____ NUMBER OF RESPONDENTS _____ DATA OBTAINED FROM _____ TRAINING SPECIALIST _____ | | | | |
| writing reading speaking listening | written oral performance | self-paced hands-on demonstration lecture | danger to person or equipment importance | difficulty? tested? taught? |
| TASK NUMBER | | | | |

DATA OBTAINED FROM GERMAN W/ET. HIGGS TRAINING SPECIALIST

| TASK NUMBER | AIT | CRITICALITY | METHODS OF TEACHING | METHODS OF TESTING | RATING OF ELS | UNIT | CRITICALITY | METHODS OF TEACHING | METHODS OF TESTING | RATING OF ELS | MOS _____ NUMBER OF RESPONDENTS _____ | | | | |
|----------------|------------|-------------|--|--------------------------------|---|-----------------------|-------------|--|--------------------------------|---|--|------------|------------|------------|------------|
| | | | | | | | | | | | DATA OBTAINED FROM _____ TRAINING SPECIALIST _____ | | | | |
| | | | | | | | | | | | difficult? | tested? | | | |
| | | | | | | | | | | | difficult? | tested? | | | |
| 195-0000-1 | 195-0000-1 | 195-0000-1 | self-paced hands-on demonstration lecture | written oral performance | writing reading speaking listening | difficult? tested? | 195-0000-1 | self-paced hands-on demonstration lecture | written oral performance | writing reading speaking listening | 195-0000-1 | | | | |
| | | | | | | | | | | | | 195-0000-1 | 195-0000-1 | | |
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| TASK NUMBER | AIT | CRITICALITY | METHODS OF TEACHING | METHODS OF TESTING | RATING OF ELS |
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| | difficult? | danger to person or equipment importance | self-paced hands-on demonstration lecture | written oral performance | writing reading speaking listening |
| | tested? | | | | |
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| | difficult? | | | | | | | | | | | | | | |
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| | equipment | 1 | 1 | 5 | 5 | 5 | 5 | 5 | 1 | 1 | 5 | 5 | 5 | 5 | 1 |
| | danger to person or | 1 | 1 | 5 | 5 | 5 | 5 | 5 | 1 | 1 | 5 | 5 | 5 | 5 | 1 |
| | lecture | 1 | 1 | 1 | 1 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | demonstration | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 2 | 2 | 2 | 2 | 1 |
| | hands-on | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 2 | 2 | 2 | 2 | 1 |
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| 86 | 1 |
| 87 | 1 |
| 88 | 1 |
| 89 | 1 |
| 90 | 1 |
| 91 | 1 |
| 92 | 1 |
| 93 | 1 |
| 94 | 1 |
| 95 | 1 |
| 96 | 1 |
| 97 | 1 |
| 98 | 1 |
| 99 | 1 |
| 100 | 1 |

DATA OBTAINED FROM TRAINING SPECIALIST

| TASK NUMBER | AIT | CRITICALITY | METHODS OF TEACHING | METHODS OF TESTING | RATING OF ELS | | | |
|----------------|------------|---|--|--------------------------------|---------------------|---------|----------|-----------|
| | | | | | writing | reading | speaking | listening |
| 12421007 | difficult? | danger to person or equipment importance | self-paced hands-on demonstration lecture | written oral performance | | | | |
| | tested? | | | | | | | |
| | taught? | | | | | | | |
| 12431007 | difficult? | danger to person or equipment importance | self-paced hands-on demonstration lecture | written oral performance | | | | |
| | tested? | | | | | | | |
| | taught? | | | | | | | |

| PAGE 1 OF 1 | | MOS <u>122</u> | NUMBER OF RESPONDENTS <u>12</u> |
|---------------------|---------------------|---|---------------------------------|
| | | DATA OBTAINED FROM <u>GERMANY/FT HOOD</u> | TRAINING SPECIALIST |
| RATING OF ELS | writing | | |
| | reading | | |
| | speaking | | |
| | listening | | |
| METHODS OF TESTING | written | | |
| | oral | | |
| | performance | | |
| METHODS OF TEACHING | self-paced | | |
| | hands-on | | |
| | demonstration | | |
| | lecture | | |
| CRITICALITY | danger to person or | | |
| | equipment | | |
| | importance | | |
| UNIT | difficult? | | |
| | tested? | | |
| | | MOS | NUMBER OF RESPONDENTS |
| | | DATA OBTAINED FROM | TRAINING SPECIALIST |
| RATING OF ELS | writing | | |
| | reading | | |
| | speaking | | |
| | listening | | |
| METHODS OF TESTING | written | | |
| | oral | | |
| | performance | | |
| METHODS OF TEACHING | self-paced | | |
| | hands-on | | |
| | demonstration | | |
| | lecture | | |
| CRITICALITY | danger to person or | | |
| | equipment | | |
| | importance | | |
| AIT | difficult? | | |
| | tested? | | |
| | taught? | | |
| TASK NUMBER | | 051-91-1301 | 051-91-1302 |

MOS 12C NUMBER OF RESPONDENTS 12
DATA OBTAINED FROM GERMANY/FL 1500 TRAINING SPECIALIST

[illegible]

TRAINING SPECIALIST

| TASK NUMBER | AIT | CRITICALITY | METHODS OF TEACHING | METHODS OF TESTING | RATING OF ELS |
|----------------|-----|-------------|---------------------------|--------------------------|---------------------|
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | writing |
| | | | | | reading |
| | | | | | speaking |
| | | | | | listening |
| | | | | | written |
| | | | | | oral |
| | | | | | performance |
| | | | | | self-paced |
| | | | | | hands-on |
| | | | | | demonstration |
| | | | | | lecture |
| | | | | | danger to |
| | | | | | person or |
| | | | | | equipment |
| | | | | | importance |
| | | | | | difficulty? |
| | | | | | tested? |
| | | | | | taught? |

[illegible]

| RATING OF ELS | METHODS OF TESTING | M. THODS OF TEACHING | CRITICALITY | UNIT |
|---|--------------------|----------------------|--|-------------|
| writing | written | self-paced | danger to person or equipment importance | difficult? |
| reading | oral | hands-on | | tested? |
| speaking | performance | demonstration | | |
| listening | | lecture | | |
| MOS _____ NUMBER OF RESPONDENTS _____ DATA OBTAINED FROM _____ TRAINING SPECIALIST _____ | | | | |
| writing | written | self-paced | danger to person or equipment importance | difficulty? |
| reading | oral | hands-on | | tested? |
| speaking | performance | demonstration | | |
| listening | | lecture | | |
| AIT taught? | | | | |
| TASK NUMBER | | | | |

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AD-A121 089

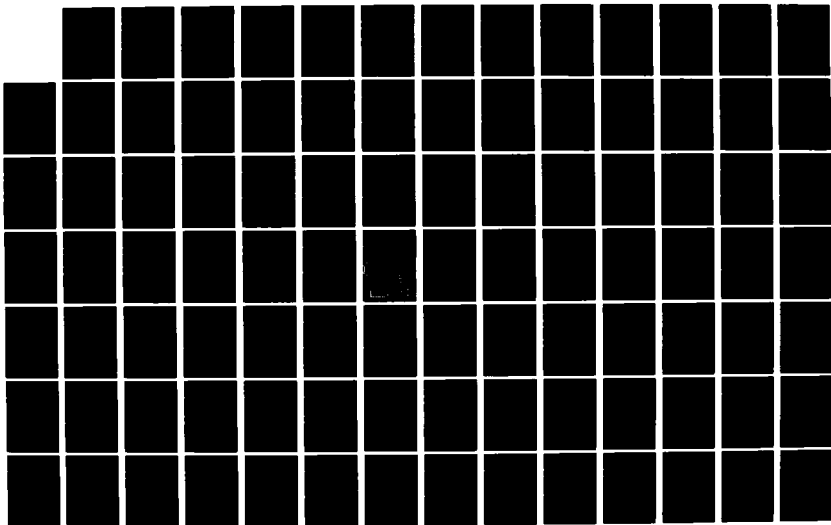
JOB LANGUAGE PERFORMANCE REQUIREMENTS FOR MOS 12C
BRIDGE SPECIALIST REFER. (U) DEFENSE LANGUAGE INST
LACKLAND AFB TX ENGLISH LANGUAGE CENTER. 08 DEC 77

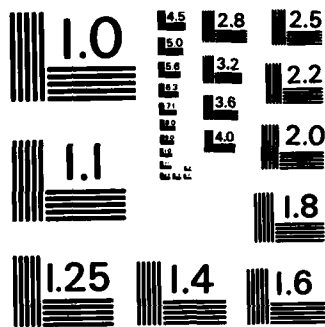
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MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS - 1963 - A

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|--------------------------|-----------------------------|
| MOS _____ | NUMBER OF RESPONDENTS _____ |
| DATA OBTAINED FROM _____ | TRAINING SPECIALIST _____ |

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| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| danger to person or | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
| equipment | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
| importance | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
| difficult? | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
| tested? | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |

MOS _____ NUMBER OF RESPONDENTS _____

DATA OBTAINED FROM _____ TRAINING SPECIALIST _____

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| writing | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73</ |
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[illegible]

DATA OBTAINED FROM GERMANY / FT. HOOD TRAINING SPECIALIST

| TASK NUMBER | AIT | CRITICALITY | METHODS OF TEACHING | METHODS OF TESTING | RATING OF ELS | UNIT | | IMPORTANCE | EQUIPMENT | DANGER TO PERSON OR | DATA OBTAINED FROM | | NUMBER OF RESPONDENTS | |
|----------------|-----|-------------|--|--------------------------------|---|---------|------------|------------|-----------|------------------------|---------------------|-----|-----------------------|--|
| | | | | | | tested? | difficult? | | | | TRAINING SPECIALIST | MOS | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | lecture demonstration hands-on self-paced | performance oral written | listening speaking reading writing | | | | | | | | | |
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| | | | | | | | | | | | | | | |
| | | | lecture demonstration hands-on self-paced | performance oral written | listening speaking reading writing | | | | | | | | | |
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| | | | lecture demonstration hands-on self-paced | performance oral written | listening speaking reading writing | | | | | | | | | |
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| | | | | | | | | | | | | | | |
| | | | lecture demonstration hands-on self-paced | performance oral written | listening speaking reading writing | | | | | | | | | |
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PAGE 40
OF 52

MOS 12C

NUMBER OF RESPONDENTS 12

DATA OBTAINED FROM GERMAN/ET AL TRAINING SPECIALIST

| TASK NUMBER | AIT | CRITICALITY | METHODS OF TEACHING | METHODS OF TESTING | RATING OF ELS | UNIT | | MOS | NUMBER OF RESPONDENTS | DATA OBTAINED FROM | TRAINING SPECIALIST |
|-------------|-----|-------------|--|--------------------------------|---|------------|---------|-----|-----------------------|--------------------|---------------------|
| | | | | | | difficult? | tested? | | | | |
| | | | self-paced hands-on demonstration lecture | written oral performance | writing reading speaking listening | | | | | | |
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| | | | self-paced hands-on demonstration lecture | written oral performance | writing reading speaking listening | | | | | | |
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| | | | self-paced hands-on demonstration lecture | written oral performance | writing reading speaking listening | | | | | | |
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| | | | | | | | | | | | |
| | | | self-paced hands-on demonstration lecture | written oral performance | writing reading speaking listening | | | | | | |
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MOS _____ NUMBER OF RESPONDENTS _____
DATA OBTAINED FROM _____ TRAINING SPECIALIST _____

| TASK NUMBER | AIT | CRITICALITY | METHODS OF TEACHING | METHODS OF TESTING | RATING OF ELS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| TASK NUMBER | AIT | CRITICALITY | METHODS OF TEACHING | METHODS OF TESTING | RATING OF ELS | UNIT | | CRITICALITY | METHODS OF TEACHING | METHODS OF TESTING | RATING OF ELS |
|----------------|-----|---|--|--------------------------------|---|--|---------|---|--|--------------------------------|---|
| | | | | | | difficult? | tested? | | | | |
| 0264450 | | danger to person or equipment importance | self-paced hands-on demonstration lecture | written oral performance | writing reading speaking listening | MOS _____ NUMBER OF RESPONDENTS _____ | | danger to person or equipment importance | self-paced hands-on demonstration lecture | written oral performance | writing reading speaking listening |
| | | | | | | DATA OBTAINED FROM _____ TRAINING SPECIALIST _____ | | | | | |
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| | | | | | | | | | | | |
| 0264451 | | danger to person or equipment importance | self-paced hands-on demonstration lecture | written oral performance | writing reading speaking listening | MOS _____ NUMBER OF RESPONDENTS _____ | | danger to person or equipment importance | self-paced hands-on demonstration lecture | written oral performance | writing reading speaking listening |
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| 0264452 | | danger to person or equipment importance | self-paced hands-on demonstration lecture | written oral performance | writing reading speaking listening | MOS _____ NUMBER OF RESPONDENTS _____ | | danger to person or equipment importance | self-paced hands-on demonstration lecture | written oral performance | writing reading speaking listening |
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| 0264453 | | danger to person or equipment importance | self-paced hands-on demonstration lecture | written oral performance | writing reading speaking listening | MOS _____ NUMBER OF RESPONDENTS _____ | | danger to person or equipment importance | self-paced hands-on demonstration lecture | written oral performance | writing reading speaking listening |
| | | | | | | DATA OBTAINED FROM _____ TRAINING SPECIALIST _____ | | | | | |
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| TASK NUMBER | AIT | CRITICALITY | METHODS OF TEACHING | METHODS OF TESTING | RATING OF ELS | UNIT | | CRITICALITY | METHODS OF TEACHING | METHODS OF TESTING | RATING OF ELS |
|----------------|-----|-------------|--|--------------------------------|---|---|-----------------------|-------------|---------------------------|--------------------------|---------------------|
| | | | | | | danger to person or equipment importance | difficult? tested? | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| 1 | | | self-paced hands-on demonstration lecture | written oral performance | writing reading speaking listening | 5 | 1 | 5 | 1 | 1 | 1 |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| 2 | | | self-paced hands-on demonstration lecture | written oral performance | writing reading speaking listening | 5 | 1 | 5 | 1 | 1 | 1 |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| 3 | | | self-paced hands-on demonstration lecture | written oral performance | writing reading speaking listening | 5 | 1 | 5 | 1 | 1 | 1 |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| 4 | | | self-paced hands-on demonstration lecture | written oral performance | writing reading speaking listening | 5 | 1 | 5 | 1 | 1 | 1 |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| 5 | | | self-paced hands-on demonstration lecture | written oral performance | writing reading speaking listening | 5 | 1 | 5 | 1 | 1 | 1 |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| 6 | | | self-paced hands-on demonstration lecture | written oral performance | writing reading speaking listening | 5 | 1 | 5 | 1 | 1 | 1 |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| 7 | | | self-paced hands-on demonstration lecture | written oral performance | writing reading speaking listening | 5 | 1 | 5 | 1 | 1 | 1 |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| 8 | | | self-paced hands-on demonstration lecture | written oral performance | writing reading speaking listening | 5 | 1 | 5 | 1 | 1 | 1 |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| 9 | | | self-paced hands-on demonstration lecture | written oral performance | writing reading speaking listening | 5 | 1 | 5 | 1 | 1 | 1 |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| 10 | | | self-paced hands-on demonstration lecture | written oral performance | writing reading speaking listening | 5 | 1 | 5 | 1 | 1 | 1 |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| 11 | | | self-paced hands-on demonstration lecture | written oral performance | writing reading speaking listening | 5 | 1 | 5 | 1 | 1 | 1 |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| 12 | | | self-paced hands-on demonstration lecture | written oral performance | writing reading speaking listening | 5 | 1 | 5 | 1 | 1 | 1 |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| 13 | | | self-paced hands-on demonstration lecture | written oral performance | writing reading speaking listening | 5 | 1 | 5 | 1 | 1 | 1 |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| 14 | | | self-paced hands-on demonstration lecture | written oral performance | writing reading speaking listening | 5 | 1 | 5 | 1 | 1 | 1 |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| 15 | | | self-paced hands-on demonstration lecture | written oral performance | writing reading speaking listening | 5 | 1 | 5 | 1 | 1 | 1 |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| 16 | | | self-paced hands-on demonstration lecture | written oral performance | writing reading speaking listening | 5 | 1 | 5 | 1 | 1 | 1 |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| 17 | | | self-paced hands-on demonstration lecture | written oral performance | writing reading speaking listening | 5 | 1 | 5 | 1 | 1 | 1 |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| 18 | | | self-paced hands-on demonstration lecture | written oral performance | writing reading speaking listening | 5 | 1 | 5 | 1 | 1 | 1 |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| 19 | | | self-paced hands-on demonstration lecture | written oral performance | writing reading speaking listening | 5 | 1 | 5 | 1 | 1 | 1 |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| 20 | | | self-paced hands-on demonstration lecture | written oral performance | writing reading speaking listening | 5 | 1 | 5 | 1 | 1 | 1 |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| 21 | | | self-paced hands-on demonstration lecture | written oral performance | writing reading speaking listening | 5 | 1 | 5 | 1 | 1 | 1 |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| 22 | | | self-paced hands-on demonstration lecture | written oral performance | writing reading speaking listening | 5 | 1 | 5 | 1 | 1 | 1 |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| 23 | | | | | | | | | | | |

| TASK NUMBER | AIT | CRITICALITY | METHODS OF TEACHING | METHODS OF TESTING | RATING OF ELS | UNIT | | IMPORTANCE | EQUIPMENT | DANGER TO PERSON OR | CRITICALITY | METHODS OF TEACHING | METHODS OF TESTING | RATING OF ELS | MOS _____ NUMBER OF RESPONDENTS _____ | | DATA OBTAINED FROM _____ TRAINING SPECIALIST _____ | | |
|----------------|-----|-------------|--|--------------------------------|---|-----------------------|---------|------------|-----------|------------------------|-------------|---------------------------|--------------------------|---------------------|---------------------------------------|--|--|--|--|
| | | | | | | difficult? | tested? | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| 051-178-1001 | | | self-paced hands-on demonstration lecture | written oral performance | writing reading speaking listening | difficult? tested? | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| 051-178-1002 | | | self-paced hands-on demonstration lecture | written oral performance | writing reading speaking listening | difficult? tested? | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| 051-178-1003 | | | self-paced hands-on demonstration lecture | written oral performance | writing reading speaking listening | difficult? tested? | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| 051-178-1005 | | | self-paced hands-on demonstration lecture | written oral performance | writing reading speaking listening | difficult? tested? | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |

DATA OBTAINED FROM GERMANY / ET HOOB TRAINING SPECIALIST

| TASK NUMBER | AIT | CRITICALITY | METHODS OF TEACHING | METHODS OF TESTING | RATING OF ELS | UNIT | IMPORTANCE | EQUIPMENT | DANGER TO PERSON OR | LECTURE | DEMONSTRATION | HANDS-ON | SELF-PACED | PERFORMANCE | ORAL | WRITTEN | LISTENING | SPEAKING | READING | WRITING |
|--------------|-----------------------------------|--|--|--------------------------------|---|-----------------------|--|-----------|---------------------|---------|---------------|----------|------------|-------------|------|---------|-----------|----------|---------|---------|
| | | | | | | | | | | | | | | | | | | | | |
| 051-148-1006 | difficulty? tested? taught? | importance equipment danger to person or | self-paced hands-on demonstration lecture | performance oral written | writing reading speaking listening | difficult? tested? | importance equipment danger to person or | EQUIPMENT | DANGER TO PERSON OR | LECTURE | DEMONSTRATION | HANDS-ON | SELF-PACED | PERFORMANCE | ORAL | WRITTEN | LISTENING | SPEAKING | READING | WRITING |
| | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | |
| 051-148-1020 | difficulty? tested? taught? | importance equipment danger to person or | self-paced hands-on demonstration lecture | performance oral written | writing reading speaking listening | difficult? tested? | importance equipment danger to person or | EQUIPMENT | DANGER TO PERSON OR | LECTURE | DEMONSTRATION | HANDS-ON | SELF-PACED | PERFORMANCE | ORAL | WRITTEN | LISTENING | SPEAKING | READING | WRITING |
| | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | |
| 051-148-1021 | difficulty? tested? taught? | importance equipment danger to person or | self-paced hands-on demonstration lecture | performance oral written | writing reading speaking listening | difficult? tested? | importance equipment danger to person or | EQUIPMENT | DANGER TO PERSON OR | LECTURE | DEMONSTRATION | HANDS-ON | SELF-PACED | PERFORMANCE | ORAL | WRITTEN | LISTENING | SPEAKING | READING | WRITING |
| | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | |
| 051-148-1022 | difficulty? tested? taught? | importance equipment danger to person or | self-paced hands-on demonstration lecture | performance oral written | writing reading speaking listening | difficult? tested? | importance equipment danger to person or | EQUIPMENT | DANGER TO PERSON OR | LECTURE | DEMONSTRATION | HANDS-ON | SELF-PACED | PERFORMANCE | ORAL | WRITTEN | LISTENING | SPEAKING | READING | WRITING |
| | | | | | | | | | | | | | | | | | | | | |
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| TASK NUMBER | AIT | CRITICALITY | METHODS OF TEACHING | METHODS OF TESTING | RATING OF ELS | UNIT | | CRITICALITY | | METHODS OF TEACHING | METHODS OF TESTING | RATING OF ELS | |
|----------------|-----|-------------|---------------------------|--------------------------|---------------------|---------|------------|-------------|-----------|---------------------------|--------------------------|---------------------|------------------------|
| | | | | | | tested? | difficult? | importance | equipment | | | | danger to person or |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| 1023 | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | |
| 1024 | | | | | | | | | | | | | |
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| 1025 | | | | | | | | | | | | | |
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| 1026 | | | | | | | | | | | | | |
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4401-861-150

PAGE 49
OF 52

MOS 12c NUMBER OF RESPONDENTS 12
DATA OBTAINED FROM GERMANY/FTH200 TRAINING SPECIALIST

| TASK NUMBER | AIT | CRITICALITY | METHODS OF TEACHING | METHODS OF TESTING | RATING OF ELS | MOS | | | | | | | | | | | | NUMBER OF RESPONDENTS | | | | | | | | | | | |
|----------------|-----|---|--|--------------------------------|---------------------|--------------------|--|--|--|--|--|--|--|--|--|--|--|-----------------------|--|--|--|--|--|--|--|--|--|--|--|
| | | | | | | DATA OBTAINED FROM | | | | | | | | | | | | TRAINING SPECIALIST | | | | | | | | | | | |
| | | | | | | writing | | | | | | | | | | | | reading | | | | | | | | | | | |
| | | | | | | speaking | | | | | | | | | | | | listening | | | | | | | | | | | |
| | | | self-paced hands-on demonstration lecture | written oral performance | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | danger to person or equipment importance | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | difficulty? tested? | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | self-paced hands-on demonstration lecture | written oral performance | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | danger to person or equipment importance | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | difficulty? tested? taught? | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

PAGE 50
OF 52

MOS 12C

NUMBER OF RESPONDENTS 12

DATA OBTAINED FROM GERMAN METHOD

TRAINING SPECIALIST

| TASK NUMBER | AIT | CRITICALITY | METHODS OF TEACHING | METHODS OF TESTING | RATING OF ELS | UNIT | IMPORTANCE | EQUIPMENT | DANGER TO PERSON OR | LECTURE | DEMONSTRATION | HANDS-ON | SELF-PACED | PERFORMANCE | ORAL | WRITTEN | LISTENING | SPEAKING | READING | WRITING |
|-------------|-----|-------------|---------------------|--------------------|---------------|------|------------|-----------|---------------------|---------|---------------|----------|------------|-------------|------|---------|-----------|----------|---------|---------|
| | | | | | | | | | | | | | | | | | | | | |
| 0511A-2030 | | | | | | | | | | | | | | | | | | | | |
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| 0511A-2031 | | | | | | | | | | | | | | | | | | | | |
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| 0511A-2032 | | | | | | | | | | | | | | | | | | | | |
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| 0511A-2033 | | | | | | | | | | | | | | | | | | | | |
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DATA OBTAINED FROM 62-111000-1/FT. Hood TRAINING SPECIALIST.

| RATING OF ELS | writing | reading | speaking | listening |
|---|-------------------------------|------------|---------------|------------|
| METHODS OF TESTING | written | oral | performance | |
| METHODS OF TEACHING | self-paced | hands-on | demonstration | lecture |
| CRITICALITY | danger to person or equipment | importance | | |
| UNIT | difficult? | tested? | | |
| MOS _____ NUMBER OF RESPONDENTS _____ DATA OBTAINED FROM _____ TRAINING SPECIALIST _____ | | | | |
| RATING OF ELS | writing | reading | speaking | listening |
| METHODS OF TESTING | written | oral | performance | |
| METHODS OF TEACHING | self-paced | hands-on | demonstration | lecture |
| CRITICALITY | danger to person or equipment | importance | | |
| AIT | difficulty? | tested? | | |
| TASK NUMBER | 05-178-001 | 05-178-002 | 05-178-003 | 05-178-004 |

MOS _____ NUMBER OF RESPONDENTS _____

DATA OBTAINED FROM _____ TRAINING SPECIALIST _____

| | |
|---------------|--|
| writing | |
| reading | |
| speaking | |
| listening | |
| written | |
| oral | |
| performance | |
| self-paced | |
| hands-on | |
| demonstration | |
| lecture | |

APPENDIX 3

PERCENTAGE LANGUAGE SKILLS

This appendix contains the computations for the percentages of listening, speaking, reading and writing involved in each cluster.

Some clusters have two sets of computations because some Task Prioritization Forms were received after original computations and had to be added on.

PERCENTAGE LANGUAGE SKILLS
MOS 12C

FOR
TR + (T)(V)(R) = %

LISTENING

SPEAKING

READING

WRITING

-demonstration
-lecture
-hands-on
-performance (test)
-rating (scale)

-oral (test)
-rating (scale)

-self-paced
-written (test)
-rating (scale)

-lecture
-self-paced
-written (test)
-rating (scale)

Cluster

5 = 100%

2 = 100%

3 = 100%

4 = 100%

11B

6 x 5 x 12 = 360

6 x 2 x 12 = 144

6 x 3 x 12 = 216

6 x 4 x 12 = 288

L - 37
D - 44
HO - 42
Pt - 46
Rs - 55

227
360 $\overline{) 224.000}$ $\begin{smallmatrix} -622 \\ \hline \end{smallmatrix}$

O - 34
R - 46

80
144 $\overline{) 80.000}$ $\begin{smallmatrix} .556 \\ \hline \end{smallmatrix}$

SP - 5
W - 12
Rs - 50

67
216 $\overline{) 67.000}$ $\begin{smallmatrix} .310 \\ \hline \end{smallmatrix}$

L - 37
Sp - 5
W - 12
R - 18

72
288 $\overline{) 72.000}$ $\begin{smallmatrix} .25 \\ \hline \end{smallmatrix}$

62%

56%

31%

25%

11B

8 x 6 x 12 = 480

8 x 2 x 12 = 192

8 x 3 x 12 = 288

8 x 4 x 12 = 384

L - 63
D - 68
HO - 65
Pt - 62
Rs - 76

696
480 $\overline{) 696.000}$

O - 49
R - 64

113
192 $\overline{) 113.000}$ $\begin{smallmatrix} .589 \\ \hline \end{smallmatrix}$

Sp - 14
W - 23
Rs - 56

93
288 $\overline{) 93.000}$ $\begin{smallmatrix} .323 \\ \hline \end{smallmatrix}$

L - 63
Sp - 14
W - 23
R - 29

129
384 $\overline{) 129.000}$

70%

57%

32%

31%

T = number of responses to variables in the cluster
V = variables
R = maximum number of respondents in any task in that cluster

051-11-1031
7400
051-11-1031

116

PERCENTAGE LANGUAGE SKILLS
NOS 12C

| FO | LISTENING | SPEAKING | READING | WRITING |
|------------------------------|--|--|--|--|
| *3 + (T)(V)(R) = | -demonstration | -oral (test) | -self-paced | -lecture |
| | -lecture | -rating (scale) | -written (test) | -self-paced |
| | -is-on | | -rating (scale) | -written (test) |
| | -performance (test) | | | -rating (scale) |
| | -rating (scale) | | | |
| Cluster | 5 = 100% | 2 = 100% | 3 = 100% | 4 = 100% |
| INDIVIDUAL ITEMS | 2 X 5 X 12 = 120 | 2 X 2 X 12 = 48 | 2 X 3 X 12 = 72 | 2 X 4 X 12 = 96 |
| 051-191-1061 051-191-2062 | L - 5 D - 15 HO - 18 Pt - 20 Rs - 13 <u>71</u> 120 $\overline{) 71.000}$.592 | O - 4 R - 10 <u>14</u> 48 $\overline{) 14.000}$.292 | SP - 3 W - 3 Rs - 8 <u>14</u> 72 $\overline{) 14.000}$.194 | L - 5 Sp - 3 W - 3 R - 5 <u>16</u> 96 $\overline{) 16.000}$ |
| | 59% | 29% | 19% | 17% |
| GROUP ITEMS | 7 X 5 X 12 = 420 | 7 X 2 X 12 = 168 | 7 X 3 X 12 = 252 | 7 X 4 X 12 = 336 |
| | L - 27 D - 27 HO - 31 Pt - 27 Rs - 43 <u>170</u> 420 $\overline{) 172.000}$.410 | O - 17 R - 40 <u>57</u> 168 $\overline{) 7.000}$.339 | Sp - 8 W - 10 Rs - 30 <u>48</u> 252 $\overline{) 48.000}$.190 | L - 27 Sp - 5 W - 10 R - 16 <u>60</u> 336 $\overline{) 60.000}$ |
| | 41% | 34% | 19% | 17% |

total number of responses to variables in the cluster
T = number of tasks in the cluster
V = variables
R = maximum number of respondents in any task in that cluster

PERCENTAGE LANGUAGE SKILLS
MOS 12c

FORMULA

LISTENING

SPEAKING

READING

WRITING

$$TR + (T)(V)(R) = \%$$

-demonstration
-lecture
-hands-on
-performance (test)
-rating (scale)

-oral (test)
-rating (scale)

-self-paced
-written (test)
-rating (scale)

-lecture
-self-paced
-written (test)
-rating (scale)

Cluster

5 = 100%

2 = 100%

3 = 100%

4 = 100%

201-191-1361

$$3 \times 5 \times 12 = 180$$

$$3 \times 2 \times 12 = 72$$

$$3 \times 3 \times 12 = 108$$

$$3 \times 4 \times 12 = 144$$

L - 8

D - 21

HO - 31

Pt - 20

Rs - 26

O - 6

R - 20

26

$$72 \overline{) 26.000} \quad .361$$

SP - 8

W - 6

Rs - 13

27

$$108 \overline{) 27.000} \quad .250$$

L - 5

Sp - 8

W - 6

R - 9

31

$$144 \overline{) 31.000} \quad .2$$

201-191-1361

201-191-1362

201-191-1363

106

$$180 \overline{) 106.000} \quad .589$$

57%

36%

25%

22%

201-191-1361

$$6 \times 5 \times 2 = 360$$

$$6 \times 2 \times 2 = 144$$

$$6 \times 3 \times 2 = 216$$

$$6 \times 4 \times 2 = 288$$

L - 27

D - 35

HO - 36

Pt - 33

Rs - 48

179

$$360 \overline{) 179.000} \quad .497$$

O - 27

R - 46

73

$$144 \overline{) 73.000} \quad .507$$

Sp - 6

W - 16

Rs - 26

48

$$216 \overline{) 48.000} \quad .222$$

L - 27

Sp - 6

W - 16

R - 20

69

$$288 \overline{) 69.000}$$

50%

51%

27%

24%

T = total number of responses to variables in the cluster

V = number of tasks in the cluster

R = rating

R = maximum number of respondents in any task in that cluster

PERCENTAGE LANGUAGE SKILLS
MOS 12c

| FORMULA | LISTENING | SPEAKING | READING | WRITING |
|--------------------|---|--|---|--|
| TR + (T)(V)(R) = % | -demonstration -lecture -hands-on -performance (test) -rating (scale) | -oral (test) -rating (scale) | -self-paced -written (test) -rating (scale) | -lecture -self-paced -written (test) -rating (scale) |
| Cluster | 5 = 100% | 2 = 100% | 3 = 100% | 4 = 100% |
| Common-gram | 11 x 5 x 12 = 660 | 11 x 2 x 12 = 264 | 11 x 3 x 12 = 396 | 11 x 4 x 12 = 528 |
| | L - 38 D - 61 HO - 52 Pt - 53 Rs - 70 <hr/> 274 660 $\overline{) 274.000}$.415 | O - 34 R - 64 <hr/> 98 264 $\overline{) 98.000}$.371 | SP - 8 W - 11 Rs - 65 <hr/> 84 396 $\overline{) 84.000}$.212 | L - 38 Sp - 8 W - 11 R - 50 <hr/> 107 528 $\overline{) 107.000}$.203 |
| | 41.2% | 37% | 21% | 20% |
| Language | 12 x 5 x 12 = 720 | 12 x 2 x 12 = 288 | 12 x 3 x 12 = 432 | 12 x 4 x 12 = 576 |
| | L - 50 D - 79 HO - 95 Pt - 97 Rs - 93 <hr/> 434 720 $\overline{) 434.000}$.603 | O - 51 R - 86 <hr/> 137 288 $\overline{) 137.000}$.476 | Sp - 8 W - 55 Rs - 98 <hr/> 161 432 $\overline{) 161.000}$.373 | L - 50 Sp - 8 W - 55 R - 74 <hr/> 187 576 $\overline{) 187.000}$.323 |
| | 60.1% | 48% | 37% | 32% |

number of responses to variables in the cluster
T = number of tasks in the cluster
V = variables
R = maximum number of respondents in any task in that cluster

PERCENTAGE LANGUAGE SKILLS
MOS 12 C

| FORMULA | LISTENING | SPEAKING | READING | WRITING |
|---------------------------------------|--|---|--|---|
| TR + (T)(V)(R) = % | -demonstration -lecture -hands-on -performance (test) -rating (scale) | -oral (test) -rating (scale) | -self-paced -written (test) -rating (scale) | -lecture -self-paced -written (test) -rating (scale) |
| Cluster | 5 = 100% | 2 = 100% | 3 = 100% | 4 = 100% |
| M.16A1 R.1110 | $7 \times 5 \times 12 = 420$ L - 24 D - 42 HO - 58 Pt - 54 Rs - 55 <hr/> 233 $420 \overline{) 233.000}$ | $7 \times 2 \times 12 = 168$ O - 24 R - 47 <hr/> 71 $168 \overline{) 71.000}$ | $7 \times 3 \times 12 = 252$ SP - 7 W - 10 Rs - 25 <hr/> 42 $252 \overline{) 42.000}$ | $7 \times 4 \times 12 = 336$ L - 24 Sp - 7 W - 10 R - 15 <hr/> 56 $336 \overline{) 56.000}$ |
| | 55% | 42% | 17% | 17% |
| L.A.W 051-171-1271 1272 1272 | $3 \times 5 \times 12 = 180$ L - 11 D - 21 HO - 22 Pt - 22 Rs - 21 <hr/> 97 $180 \overline{) 97.000}$ | $3 \times 2 \times 12 = 72$ O - 9 R - 11 <hr/> 20 $72 \overline{) 20.000}$ | $3 \times 3 \times 12 = 98$ Sp - 6 W - 3 Rs - 8 <hr/> 17 $98 \overline{) 17.000}$ | $3 \times 4 \times 12 = 144$ L - 11 Sp - 6 W - 3 R - 6 <hr/> 26 $144 \overline{) 26.000}$ |
| | 54% | 28% | 17% | 17% |

TR = total number of responses to variables in the cluster
T = number of tasks in the cluster
V = variables
R = maximum number of respondents in any task in that cluster

PERCENTAGE LANGUAGE SKILLS
MOS /20

| FORMULA | LISTENING | SPEAKING | READING | WRITING |
|--------------------|---|---|---|--|
| TR + (T)(V)(R) = % | -demonstration -lecture -hands-on -performance (test) -rating (scale) | -oral (test) -rating (scale) | -self-paced -written (test) -rating (scale) | -lecture -self-paced -written (test) -rating (scale) |
| Cluster | 5 = 100% | 2 = 100% | 3 = 100% | 4 = 100% |
| 5 GRADES | $7 \times 5 \times 3 = 105$ $L - 2$ $D - 4$ $HO - 4$ $PE - 4$ $RS - 6$ <hr/> 20 $105 \overline{) 20.000}$ | $7 \times 2 \times 3 = 52$ $O - 4$ $R - 6$ <hr/> 10 $52 \overline{) 10.000}$ | $7 \times 3 \times 3 = 63$ $SP - 2$ $W - 2$ $RS - 6$ <hr/> 10 $63 \overline{) 10.000}$ | $7 \times 4 \times 3 = 84$ $L - 2$ $Sp - 2$ $W - 2$ $R - 4$ <hr/> 10 $84 \overline{) 10.000}$ |
| | 19% | 19% | 16% | 12% |
| MINES | $13 \times 5 \times 9 = 585$ $L - 4$ $D - 63$ $HO - 92$ $PE - 84$ $RS - 74$ <hr/> 373 $585 \overline{) 373.000}$ | $13 \times 2 \times 9 = 234$ $O - 26$ $R - 84$ <hr/> 110 $234 \overline{) 110.000}$ | $13 \times 3 \times 9 = 351$ $Sp - 26$ $W - 19$ $RS - 47$ <hr/> 92 $351 \overline{) 92.000}$ | $13 \times 4 \times 9 = 468$ $L - 4$ $Sp - 26$ $W - 19$ $R - 37$ <hr/> 26 $468 \overline{) 122.000}$ |
| | 64% | 47% | 26% | 26% |

T = number of tasks in the cluster
V = number of variables
R = number of respondents in any task in that cluster

PERCENTAGE LANGUAGE SKILLS
MOS 12c

| FORMULA | LISTENING | SPEAKING | READING | WRITING |
|--------------------|--|--|--|---|
| TR + (T)(V)(R) = % | -demonstration -lecture -hands-on -performance (test) -rating (scale) | -oral (test) -rating (scale) | -self-paced -written (test) -rating (scale) | -lecture -self-paced -written (test) -rating (scale) |
| Cluster | 5 = 100% | 2 = 100% | 3 = 100% | 4 = 100% |
| OPERATIONS | $5 \times 9 = 225$ $L - 11$ $D - 25$ $HO - 29$ $Pt - 18$ $Rs - 28$ <hr/> 111 $225 \overline{) 111.000}$ | $5 \times 2 \times 9 = 90$ $O - 9$ $R - 25$ <hr/> 34 $90 \overline{) 34.000}$ | $5 \times 3 \times 9 = 135$ $SP - 9$ $W - 8$ $Rs - 26$ <hr/> 43 $135 \overline{) 43.000}$ | $5 \times 4 \times 9 = 180$ $L - 11$ $Sp - 9$ $W - 8$ $R - 26$ <hr/> 54 $180 \overline{) 54.000}$ |
| | 49% | 38% | 32% | 30% |
| DEMONSTRATION | $12 \times 5 \times 10 = 600$ $L - 31$ $D - 96$ $HO - 103$ $Pt - 104$ $Rs - 102$ <hr/> 410 $600 \overline{) 440.000}$ | $12 \times 2 \times 10 = 240$ $O - 11$ $R - 93$ <hr/> 104 $240 \overline{) 104.000}$ | $12 \times 3 \times 10 = 360$ $Sp - 25$ $W - 24$ $Rs - 49$ <hr/> 98 $360 \overline{) 98.000}$ | $12 \times 4 \times 10 = 480$ $L - 31$ $Sp - 25$ $W - 24$ $R - 47$ <hr/> 127 $480 \overline{) 127.000}$ |
| | 73% | 43% | 27% | 27% |

IN = total number of responses to variables in the cluster
T = number of tasks in the cluster
V = variables
R = maximum number of respondents in any task in that cluster

PERCENTAGE LANGUAGE SKILLS
NOS 12c

| FORMULA | LISTENING | SPEAKING | READING | WRITING |
|---|---|---|--|---|
| TR + (T)(V)(R) = % | -demonstration -lecture -hands-on -performance (test) -rating (scale) | -oral (test) -rating (scale) | -self-paced -written (test) -rating (scale) | -lecture -self-paced -written (test) -rating (scale) |
| Cluster | 5 = 100% | 2 = 100% | 3 = 100% | 4 = 100% |
| 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100 | $6 \times 5 \times 8 = 240$ $L - 13$ $D - 16$ $HO - 22$ $Pt - 11$ $Rs - 25$ <hr/> 87 $240 \overline{) 87.000}$ | $6 \times 2 \times 8 = 96$ $O - 6$ $R - 25$ <hr/> 31 $96 \overline{) 31.000}$ | $6 \times 3 \times 8 = 144$ $SP - 9$ $W - 3$ $Rs - 25$ <hr/> 37 $144 \overline{) 37.000}$ | $6 \times 4 \times 8 = 192$ $L - 13$ $Sp - 9$ $W - 3$ $R - 23$ <hr/> 48 $192 \overline{) 48.000}$ |
| | 36% | 32% | 26% | 25% |
| 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100 | $7 \times 5 \times 10 = 350$ $L - 7$ $D - 16$ $HO - 17$ $Pt - 17$ $Rs - 13$ <hr/> 70 $350 \overline{) 70.000}$ | $7 \times 2 \times 10 = 140$ $O - 7$ $R - 8$ <hr/> 15 $140 \overline{) 15.000}$ | $7 \times 3 \times 10 = 210$ $Sp - 2$ $W - 4$ $Rs - 6$ <hr/> 12 $210 \overline{) 12.000}$ | $7 \times 4 \times 10 = 280$ $L - 7$ $Sp - 2$ $W - 4$ $R - 4$ <hr/> 17 $280 \overline{) 17.000}$ |
| | 20% | 11% | 6% | 6% |

T = number of tasks in the cluster
V = variables
R = max number of respondents in any task in that cluster

PERCENTAGE LANGUAGE SKILLS
MOS/2C

| FOR | LISTENING | SPEAKING | READING | WRITING |
|--|---|---|---|---|
| TR + (T)(V)(R) = % | -demonstration -lecture -hands-on -performance (test) -rating (scale) | -oral (test) -rating (scale) | -self-paced -written (test) -rating (scale) | -lecture -self-paced -written (test) -rating (scale) |
| Cluster | 5 = 100% | 2 = 100% | 3 = 100% | 4 = 100% |
| ENGINEER TOOLS 051-201-1001 | $1 \times 5 \times 7 = 35$ $L - 2$ $D - 5$ $HO - 5$ $Pt - 5$ $Rs - 5$ <hr/> 22 $35 \overline{) 22.000}$ | $1 \times 2 \times 7 = 14$ $O - 2$ $R - 4$ <hr/> 6 $14 \overline{) 6.000}$ | $1 \times 3 \times 7 = 21$ $SP - 1$ $W - 3$ $Rs - 3$ <hr/> 7 $21 \overline{) 7.000}$ | $1 \times 4 \times 7 = 28$ $L - 2$ $Sp - 1$ $W - 3$ $R - 3$ <hr/> 9 $28 \overline{) 9.000}$ |
| | 63% | 43% | 33% | 32% |
| FIELD INSTRUMENTS 051-195-1001 051-195-1002 | $2 \times 5 \times 4 = 80$ $L - 4$ $D - 9$ $HO - 12$ $Pt - 12$ $Rs - 14$ <hr/> 51 $80 \overline{) 51.000}$ | $2 \times 2 \times 8 = 32$ $O - 2$ $R - 12$ <hr/> 14 $32 \overline{) 14.000}$ | $2 \times 3 \times 8 = 48$ $Sp - 3$ $W - 4$ $Rs - 6$ <hr/> 13 $48 \overline{) 13.000}$ | $2 \times 4 \times 8 = 64$ $L - 4$ $Sp - 3$ $W - 4$ $R - 6$ <hr/> 17 $64 \overline{) 17.000}$ |
| | 64% | 44% | 27% | 27% |

TR = total number of responses to variables in the cluster
T = number of tasks in the cluster
V = variables
R = maximum number of respondents in any task in that cluster

123

PERCENTAGE LANGUAGE SKILLS
MOS 12C

| FORMULA | LISTENING | SPEAKING | READING | WRITING |
|--------------------------------|--|---|---|---|
| $TR + (T)(V)(R) = \%$ | -demonstration -lecture -hands-on -performance (test) -rating (scale) | -oral (test) -rating (scale) | -self-paced -written (test) -rating (scale) | -lecture -self-paced -written (test) -rating (scale) |
| Cluster | 5 = 100% | 2 = 100% | 3 = 100% | 4 = 100% |
| FIXED Ratings | 5x5x12 = 300 | 5x2x12 = 120 | 5x3x12 = 180 | 5x4x12 = 240 |
| | L - 23 D - 36 HO - 41 Pt - 37 Rs - 39 <hr/> 178 300 $\overline{) 178.000}$ $\cdot 593 -$ | O - 27 R - 34 <hr/> 61 120 $\overline{) 61.000}$ $\cdot 508$ | SP - 10 W - 23 Rs - 40 <hr/> 73 180 $\overline{) 73.000}$ $\cdot 406$ | L - 23 Sp - 10 W - 23 R - 24 <hr/> 81 240 $\overline{) 81.000}$ $\cdot 33$ |
| | 57% | 51% | 41% | 34% |
| MOS 12C ALPHABET Ratings | 6x5x12 = 360 | 6x2x12 = 144 | 6x3x12 = 216 | 6x4x12 = 288 |
| | L - D - HO - Pt - Rs - <hr/> | O - R - <hr/> | Sp - W - Rs - <hr/> | L - Sp - W - R - <hr/> |

T = number of tasks in the cluster
 V = variables
 R = number of respondents in any task in that cluster

PERCENTAGE LANGUAGE SKILLS
MOS 12C

TR = total number of responses to variables in the cluster
T = number of tasks in the cluster
V = variables
R = maximum number of respondents in any task in that cluster

| FORMULA | LISTENING | SPEAKING | READING | WRITING |
|--------------------------------------|--|---|---|---|
| $\frac{TR + (T)(V)(R)}{TR} = \%$ | -demonstration -lecture -hands-on -performance (test) -rating (scale) | -oral (test) -rating (scale) | -self-paced -written (test) -rating (scale) | -lecture -self-paced -written (test) -rating (scale) |
| Cluster | 5 = 100% | 2 = 100% | 3 = 100% | 4 = 100% |
| 121-196-2001 2002 2003 2004 | $4 \times 5 \times 9 = 180$ L - 8 D - 24 HO - 19 Pt - 22 Rs - 26 <hr/> 99 $180 \overline{) 99.000} = .550$ | $4 \times 2 \times 9 = 72$ O - 14 R - 22 <hr/> 36 $72 \overline{) 36.000} = .500$ | $4 \times 3 \times 9 = 108$ SP - 14 W - 13 Rs - 29 <hr/> 56 $108 \overline{) 56.000} = .519$ | $4 \times 4 \times 9 = 144$ L - 8 Sp - 14 W - 13 R - 25 <hr/> 60 $144 \overline{) 60.000} = .417$ |
| | 55% | 50% | 52% | 42% |
| R1661215 051-200-1001 1002 | $2 \times 5 \times 10 = 100$ L - 5 D - 18 HO - 16 Pt - 18 Rs - 18 <hr/> 75 $100 \overline{) 75.000} = .750$ | $2 \times 2 \times 10 = 40$ O - 2 R - 16 <hr/> 18 $40 \overline{) 18.000} = .450$ | $2 \times 3 \times 10 = 60$ Sp - 4 W - 2 Rs - 6 <hr/> 12 $60 \overline{) 12.000} = .200$ | $2 \times 4 \times 10 = 80$ L - 5 Sp - 4 W - 2 R - 6 <hr/> 17 $80 \overline{) 17.000} = .213$ |
| | 75% | 45% | 20% | 21% |

PERCENTAGE LANGUAGE SKILLS
MOS/2C

| FORMULA | LISTENING | SPEAKING | READING | WRITING |
|-------------------------------|--|---|---|---|
| TR + (T)(V)(R) = % | -demonstration -lecture -hands-on -performance (test) -rating (scale) | -oral (test) -rating (scale) | -self-paced -written (test) -rating (scale) | -lecture -self-paced -written (test) -rating (scale) |
| Cluster | 5 = 100% | 2 = 100% | 3 = 100% | 4 = 100% |
| RIVER crossed to 210-15 | $29 \times 5 \times 12 = 1740$ L - 110 D - 176 HO - 185 Pt - 175 Rs - 210 <hr/> 856 $1740 \overline{) 856.000}$ | $29 \times 2 \times 12 = 696$ O - 89 R - 187 <hr/> 276 $696 \overline{) 276.000}$ | $29 \times 3 \times 12 = 1044$ SP - 71 W - 76 Rs - 156 <hr/> 303 $1044 \overline{) 303.000}$ | $29 \times 4 \times 12 = 1392$ L - 110 Sp - 71 W - 76 R - 143 <hr/> 400 $1392 \overline{) 400.000}$ |
| | 49% | 40% | 29% | 29% |
| | L - D - HO - Pt - Rs - <hr/> | O - R - <hr/> | Sp - W - Rs - <hr/> | L - Sp - W - R - <hr/> |

T = number of tasks in the cluster
V = variables
R = maximum number of respondents in any task in that cluster

APPENDIX 4

OBSERVATION FORMS

The attached forms were taken to the actual training where observers recorded actual training situations and language used in the training. These forms were used to indicate the CONDITIONS for the Job Language Performance Requirements in this MOS.

OS

PERSON RECORDING

LOCATION
(UNIT/ATT)

SUBJECT

* TASK NUMBER IF KNOWN

Physical Environment of Instruction.

- A. Classroom
- B. Open Areas (live firefield- mark-up terrain)
- C. Large enclosed area (bleacher sites)
(Warehouse size)
- D. Other
- E. Comments:

Styles of Communication Instructor, Verbal order

- A. Formal Speech
- B. Informal Speech
- C. Regional/Ethnic
- D. Body Language
- E. Profanity
- F. Shop talk/slang
- G. Non-standard English
- H. Other

Comments:

Media of Instruction

- A. Films
- B. Video cassettes
- C. Graphic Training Aids (diagrams, etc....)
- D. Illustrations (requiring reading/not requiring reading)
- E. Maps
- F. Mock-ups
- G. Models/Aimulate
- H. Real equipment
- I. Transparencies
- J. Tape cassettes
- K. Training Publications (required/available)
- L. Signs/Notices
- M. P.A. System
- N. Normal Voice
- O. Soldier's Manual
- P. Chalkboard
- Q. Other

Comments:

Mode of Response

- A. Manipulating a piece of equipment/device
- B. Answers (spoken - written)
- C. Signals
- D. Performance
- E. Taking Notes
- F. Teamwork
- G. Other

Comments:

Instructional Ratio

- A. Instructor, one-to-one/class
- B. Peer/one-to-one
- C. Group or Committee Group (group of instructors of whom one teaches one portion of the work)
- D. Small (12 or less)
- E. Large (more than 12)
- F. Other

Comments:

128

APPENDIX 5

STRUCTURAL/LEXICAL LIST

Attached is the list of
structural and lexical items
for this MOS.
(For discussion, see Section II)

STRUCTURAL ITEMS

SENTENCE PATTERNS

SIMPLE: One subject and one predicate

1. Subject and action verb
Firer aims.
2. Subject and action verb and direct/indirect object
Many things cause burns.
3. Subject and linking verb and subjective complement
This is very important.

COMPOUND: Two or more sentences joined by:

1. Coordinating conjunction

Explain the task and ask the trainees if they understand the task, and the conditions they are expected to perform at the end of the session, the conditions under which they must operate, and the standard they must achieve.

2. Conjunctive adverb

Do not start or stop the vehicle while the radio is on or you may damage the set.

3. Semicolon

A light pressure is exerted on the driving spring when the bolt is forward; however, never attempt to cock the gun while the backplate is off and the driving spring assembly is in place.

COMPLEX: One or more dependent clauses

1. Adjectival (functions as an adjective by modifying nouns and pronouns)

At the bottom of the map you will find three different bar scales which will help you to change map distance to miles, meters, or yards.

2. Adverbial (functions as an adverb by modifying verbs, adjectives, and other adverbs) The mouth-to-nose method is performed in the same way except you blow into his nose while you pinch his lips closed with one hand.

3. Noun (functions as a noun) The person who is performing artificial respiration quickly blows into the casualty's lungs after each five compressions.

SENTENCE TYPES

1. INTERROGATIVE

(do, does, modal, wh-, tag, inverted)
But what about the other 15 meters?
Ask, "What is there?"

2. DECLARATIVE

Classified information will not be discussed over the telephone.

3. EXCLAMATORY

HALT!

4. IMPERATIVE

Issue the challenge in a soft voice and wait for the (requests, commands, second person (singular/plural, negative/affirmative), First and second person (let's)) stranger to reply with the correct password.

5. ELLIPSIS:

Split the bracket until fire for effect is possible. Most common type of ellipsis--subject deleted

6. FRAGMENT

Movement to occupy a position.
All other parts.

ADVERBIAL CLAUSES

1. PURPOSES

Training must be conducted so that at least 80% of the students can accomplish the task trained to the standards specified for the task.

2. CONTRAST

Although natural terrain features are likely not to change and make good reference points to orient a map, you may also use manmade features such as roads, bridges, etc., to orient your map.

3. COMPARISON

Place suitable material under him as well as over him if necessary.

4. RESULT

Blending is the use of camouflage materials on, over, and around an object so that it appears to be part of the background.

5. MANNER

Take deep breath and place mouth around soldier's mouth; then blow forcefully as you observe his chest.

6. TIME

When you have to go a certain distance on foot without any landmarks to guide you, you can measure distance pretty accurately by counting your paces.

Split the bracket until fire for effect is possible.

7. PLACE

Loosen clothing at neck, waist, and other places where it tends to bind.

8. CAUSE

Be careful not to depress the trigger, since this will cause the firing pin to be released.

9. ADVERSATIVE

The casualty has no fractures, but has a bleeding wound.

10. CONDITION

If it isn't, your rifle can still fire, but it could possibly explode, causing you harm.

PHRASES

1. GERUND

(upon) Hearing the correct password, give permission to pass if you have no other reasons to doubt.

2. PARTICIPIAL

Using a straightedge draw a line between the two objects.

3. INFINITIVE

To camouflage exposed skin paint the shiny areas with a dark color.

4. PREPOSITIONAL

Under certain light conditions, front sight ports can be seen, but you can't determine whether you are looking through, above, or to the side of the rear sight aperture.

LEXICAL ITEMS

ADJECTIVALS

"rifle bore cleaner"
"waste material"
"burning residue"
"semi-fixed ammunition"
"extracting/loading ammunition"
"firing hammer"
"four life-saving steps"
"chest/heart massage"
"tourniquet material"
"field material"
"field condition"
"mouth-to-mouth resuscitation"

ADJECTIVES

1. WORD + ABLE

AVAILABLE

2. COMPARATIVES

Threat main tanks are smaller than the US main battle tanks.

3. SUPERLATIVES

The most dangerous targets are those that see you, have the capability of killing you, and appear to be preparing to engage you.

PRONOUNS

1. INDEFINITE

Have someone walk the FDL (if enemy situation permits), and determine dead space (sections of FDL where individual drops below line of sight).

2. POSSESSIVE

Shake his shoulder and shout, "Are you OK.?"

3. SUBJECTIVE

This will give you correct nomenclature.

4. OBJECTIVE

It will also give you the correct functioning.

5. REFLEXIVE

Keep yourself clear of the muzzle.

VERBS

1. VERB TENSES

Make sure you clearly understand the task you are to teach.

--You will be tested.

--If they elect to take it, they must complete the test once they have begun the first event or else they will receive a NO GO for the entire test.

--If the soldier is breathing, mouth-to-mouth resuscitation is not necessary.

--When all 10 pebbles have been moved to the left pocket, you have traveled one kilometer.

--Have someone walk the FDL and determine dead space.

--Sensing is an instantaneous determination by the grenadier as to where the grenade exploded.

present progressive verb
present verb (uninflected, third
person, indicative)
past tense (regular/irregular)
present perfect
future

2. TYPES

intransitive
(You) train for results.

transitive
Mask the casualty.

linking
The skin becomes inflamed.

3. VOICE

active

recognize
protect
is facing
remove
explode
sounds
points out
seen

appear
seek
secure
wear
mask
stored
do require
could affect

has
must be
wipe
rinse
put brush
empty
reassemble
reinstall

passive

given
is protected
is sprayed

are alerted
are reported
have been corrected

are authorized
be corrected

passive+verb+ing
"task will be performed
using procedures"
modal+passive voice
"can be determined"
modal+negative+passive
"must not be eliminated"

4. MODALS

You must demonstrate, once every 6 months, that you can meet or exceed the minimum level of physical fitness required of each member of your unit in accordance with the standards contained in AR 600-9.

Personnel over the age of 40 may elect not to take the APFT. The pulse should be found in the soft area between the Adam's apple and the large muscle on the side of the neck.

Injury or death could result.

During surveillance the operator will have to adjust the range focus to get a sharp image at different ranges.

"might have to be placed"
"be"
"will be given"
"should be"
"must"
"must be"
"can"
"can be"
"may be"
"should not be"

5. AUXILIARIES

(do, does, negative)

Do not zero in under 100 meters.

If the round does not fall within 5 meters of target, zeroing procedures are called for.

GERUNDS

Sensing is an instantaneous determination by the grenadier as to where the grenade explodes with respect to the target.

INFINITIVES

To fire, hold the M16A1 in the rest with your right shoulder firmly against the weapon's butt plate.

ADVERBS +

1. SUPERLATIVE

When such a line of fire exists, the primary sector will be assigned, based on it, with the FDL being the sector limit closest to the friendly troops.

2. INDEFINITE

The launcher has a heavy coat of oil on working parts, and a light coat of oil elsewhere.

3. FREQUENCY

Apply a little graphite grease to the threads of the antenna section for easy removal and to prevent the sections from seizing if they have been rarely removed.

4. OTHER

Assembly procedure for the grenade launcher merely reverses disassembly steps.

5. COMPARATIVE

The care, cleaning, lubrication and adjustment of the mount used with the gun are no less important.

VERBS AND PREPOSITIONS

Line up the key in the receptacle with the slot in the cable connector.

VERBS AND ADVERB

(particles)

Put on the protective mask within nine seconds of the chemical alarm and remain in the contaminated area for at least two minutes without making further adjustments to the mask.

APPENDIX 6

VOCABULARY (DLIELC IN-HOUSE)

The following vocabulary list was extracted from the Soldier's Manual task by task and then categorized into GENERAL, BASIC AND TECHNICAL vocabulary.

NOT APPLICABLE

REF: On 15 MAY 1981 agreement between
TRADOC and DLIELC was reached
that DLIELC In-House Vocabulary
would not be produced for this
MOS.

APPENDIX 7

Appendix 7 is the machine-generated vocabulary list. It was not useful for our purposes. It is included as a vocabulary reference.

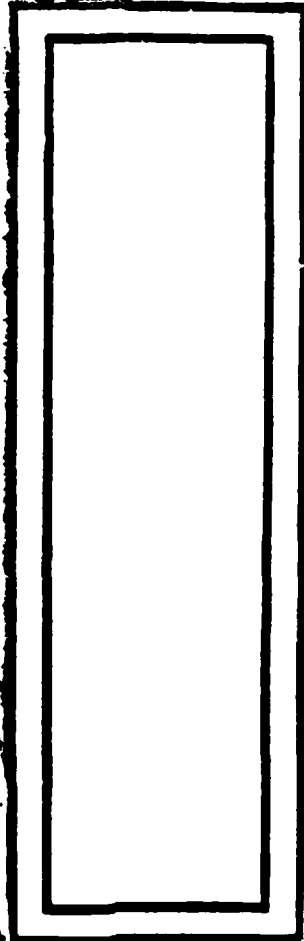
HEADQUARTERS

UNITED STATES ARMY TRAINING AND DOCTRINE COMMAND

FORT MONROE, VIRGINIA 23651

DATA CONTROL NUMBER

Job No / Proj No



12C
Skill 1

0642

CAUTION

IF
TIE
B
C

*ALL
*LS
*MS7
*M68

*DULY
*TILLS
/BRIDGE
#L
#1

#2
#3
#4
LIVE
UR

=9/4

A
A-CIVITY-WHAT
A-1
ABBREVIATIONS

ACC-AL7AL
ABC-PL8
ABC-M25A2
ABC-M/A2
ABC-M7A3

ABCM222
ABUPEN
ABUPINAL
ABILITY
ABILITIES

ABILITY
ADIE
ABNORMAL
ABUT
ABOVE

ABPATIVE
ABRASIVES
ABSEICE
ABSOLUTELY
ABSURD

12

| | |
|----|-----------------|
| 1 | ABSORBING |
| 1 | ABSURD |
| 4 | ABUNDANT |
| 1 | ABUSE |
| 3 | ABUTMENT |
| 1 | ABUTMENTS |
| 3 | ACADEMY |
| 1 | ACAS |
| 1 | ACCELERATE |
| 1 | ACCELERATING |
| 2 | ACCELERATOR |
| 2 | ACCEPT |
| 1 | ACCEPTABLE |
| 1 | ACCEPTED |
| 1 | ACCESS |
| 14 | ACCESSORIES |
| 1 | ACCIDENT |
| 1 | ACCIDENTAL |
| 1 | ACCIDENTALLY |
| 2 | ACCUMULATE |
| 2 | ACCOMPANIED |
| 1 | ACCOMPLISH |
| 7 | ACCOMPLISHED |
| 1 | ACCOMPLISHING |
| 7 | ACCORDANCE |
| 6 | ACCRUING |
| 1 | ACCUINGLY |
| 1 | ACCOUNTABLE |
| 1 | ACCP |
| 1 | ACCUMULATE |
| 1 | ACCUMULATED |
| 1 | ACCUMULATION |
| 4 | ACCURACY |
| 3 | ACCURATE |
| 3 | ACCURATELY |
| 12 | ACHIEVE |
| 1 | ACHING |
| 1 | ACTU |
| 2 | ACQUIRE |
| 1 | ACQUIRED |
| 24 | ACROSS |
| 8 | ACT |
| 1 | ACTING |
| 32 | ACTION |
| 1 | ACTION-ORIENTED |

| | |
|----|---------------|
| 7 | ACTIONS |
| 1 | ACTIVATING |
| 2 | ACTIVATION |
| 3 | ACTIVE |
| 2 | ACTIVITIES |
| 1 | ACTIVITY |
| 1 | ACTS |
| 5 | ACTUAL |
| 4 | ACTUATE |
| 3 | ACTUATED |
| 1 | ACTUATING |
| 2 | AD |
| 1 | ADA |
| 44 | ADAPTER |
| 10 | ADAPTERS |
| 1 | ADAPTUR |
| 9 | ADG |
| 1 | ADD-ON |
| 4 | ADDED |
| 1 | ADDING |
| 8 | ADDITION |
| 20 | ADDITIONAL |
| 4 | ADDRESS |
| 1 | ADDRESSED |
| 1 | ADDRESSEE |
| 6 | ADULATE |
| 2 | ADULT |
| 1 | ADVERSED |
| 8 | ADVERSIVE |
| 1 | ADVERSIVENESS |
| 7 | ADJACENT |
| 23 | ADJUST |
| 11 | ADJUSTABLE |
| 2 | ADJUSTED |
| 5 | ADJUSTING |
| 4 | ADJUSTMENT |
| 5 | ADJUSTMENTS |
| 1 | ADJUSTS |
| 1 | ADJUDICATING |
| 11 | ADJUSTER |
| 1 | ADJUTANT |
| 3 | ADMIT |
| 1 | ADULT |
| 12 | ADVANCE |
| 3 | ADVANCED |

| | |
|----|-----------------|
| 3 | ADVANCEMENT |
| 1 | ADVANCEMENT--NE |
| 1 | ADVANCESQI |
| 1 | ADVANCING |
| 7 | ADVANTAGE |
| 2 | ADVANTAGEOUS |
| 1 | ADVICE |
| 3 | AERIAL |
| 1 | AFEM |
| 3 | AFFECT |
| 3 | AFFECTED |
| 1 | AFFIX |
| 1 | AFFIXING |
| 3 | AFFUPD |
| 1 | AFFUPUS |
| 1 | AFLIAT |
| 5 | AFT |
| 47 | AFTER |
| 3 | AFTER-OPERATION |
| 1 | AFTERWARD |
| 10 | AGAIT |
| 68 | AGAILST |
| 2 | AGE |
| 1 | AGIENT |
| 40 | AGENT |
| 92 | AGENTS |
| 1 | AGGRESSOR |
| 2 | AGGRESSORS |
| 1 | AGREES |
| 1 | AGREUND |
| 1 | AH |
| 4 | AHEAD |
| 37 | AID |
| 1 | AINED |
| 2 | AIPS |
| 1 | AIF |
| 11 | AIM |
| 5 | AIMED |
| 1 | A:MIN |
| 21 | AIMING |
| 1 | AIP'S |
| 93 | AIP |
| 1 | AIR-DRY |
| 1 | AIRBUMST |
| 1 | AIRBUMSTS |

| | |
|-----|-------------|
| 14 | AIRCRAFT |
| 1 | AIRFIELDS |
| 1 | AIRSPACE |
| 4 | AIRLIGHT |
| 9 | AIRWAY |
| 5 | AIT |
| 3 | ALARM |
| 1 | ALCOHOL |
| 8 | ALERT |
| 1 | ALERTNESS |
| 1 | ALFA |
| 1 | ALFAM |
| 2 | ALFON |
| 2 | ALIQUED |
| 1 | ALIGNING |
| 1 | ALIGNMENT |
| 1 | ALIKE |
| 13 | ALINE |
| 6 | ALINED |
| 12 | ALINEMENT |
| 1 | ALIMES |
| 3 | ALINING |
| 190 | ALL |
| 41 | ALLUX |
| 2 | ALLUANCES |
| 2 | ALLOWED |
| 11 | ALLOWING |
| 4 | ALLUUS |
| 2 | ALLUV |
| 7 | ALMOST |
| 5 | ALONE |
| 15 | ALONG |
| 1 | ALONGSIDE |
| 1 | ALPHABET |
| 4 | ALREADY |
| 92 | ALSO |
| 2 | ALTER |
| 1 | ALTERED |
| 6 | ALTERNATE |
| 2 | ALTERNATELY |
| 1 | ALTERNATON |
| 4 | ALTHOUGH |
| 1 | ALTRIMATE |
| 7 | ALUMINUM |
| 19 | ALWAYS |

141

| | |
|------|-------------|
| 1 | AM |
| 1 | AMBIENT |
| 1 | AMRUSH |
| 1 | AMERICAN |
| 1 | AMUO |
| 2 | AMMURIUM |
| 33 | AMPMONING |
| 4 | AMTNG |
| 13 | AMTUNT |
| 3 | AMTUNITS |
| 2 | AMPHIBIAN-T |
| 6 | AMPLIFIER-P |
| 1 | AMPULE |
| 2 | AMPUTATIONS |
| 257 | AM |
| 2 | AN-H14 |
| 4 | AN-M8 |
| 1 | AN/ |
| 2 | AN/GEC-129 |
| 5 | AN/GEC-160 |
| 1 | AN/PRC |
| 8 | AN/PPC-77 |
| 4 | AN/PPS-7 |
| 5 | AN/PPSS-11 |
| 1 | AN/VPL-53 |
| 7 | AN/VPC-64 |
| 1 | AN/VPC53 |
| 1 | AN/VPC64 |
| 1 | ANALYSIS |
| 1 | ANALINE |
| 28 | ANCHOR |
| 10 | ANCHORAGE |
| 2 | ANCHURAGES |
| 5 | ANCHORED |
| 3 | ANCHERING |
| 5 | ANCHENS |
| 2036 | AND |
| 1 | ANG/ |
| 9 | ANG/ER |
| 15 | ANGLE |
| 6 | ANGLES |
| 1 | ANIMALS |
| 1 | ANILE |
| 1 | ANNUATED |
| 2 | ANNUCIATOR |

| | |
|-----|-----------------------|
| 3 | AND |
| 26 | ANOTHER |
| 1 | ANOTHER'S |
| 5 | ANSWER |
| 2 | ANSWERS |
| 7 | ANTENNA |
| 3 | ANTIARMOR |
| 5 | ANTINUTE |
| 1 | ANTIFREEZE |
| 1 | ANTIHANDLING |
| 2 | ANTILIFT |
| 1 | ANTIPERSONNEL |
| 14 | ANTIPERSONNEL |
| 14 | ANTITANK |
| 1 | ANTIVEHICLE |
| 150 | ANY |
| 5 | ANYONE |
| 7 | ANYTHING |
| 1 | ANYTIME |
| 1 | ADJUST |
| 8 | APART |
| 5 | APC |
| 6 | APERTURE |
| 2 | APFT |
| 7 | APP |
| 2 | APPARENT |
| 4 | APPEAR |
| 5 | APPEARANCE |
| 1 | APPEARANCE-CF-OBJECTS |
| 1 | APPLAINED |
| 1 | APPEARING |
| 5 | APPEARS |
| 1 | APPEARSU |
| 14 | APPELIX |
| 36 | APPLICABLE |
| 12 | APPLICATION |
| 1 | APPLICATORS |
| 17 | APPLIED |
| 1 | APPLIES |
| 52 | APPLY |
| 8 | APPLYING |
| 1 | APPROXIMATELY |
| 1 | APPROXIMATELY |
| 11 | APPROACH |
| 2 | APPROACHED |

| | |
|-----|-----------------|
| 2 | APPROACHES |
| 5 | APPROACHING |
| 32 | APPROPRIATE |
| 1 | APPROVED |
| 1 | APPROXIMATE |
| 37 | APPROXIMATELY |
| 2 | APPL |
| 2 | APRON |
| 1 | APTITUDES |
| 2 | AN |
| 1 | ARC |
| 3 | ARCH |
| 530 | ARE |
| 78 | AREA |
| 30 | AREAS |
| 1 | AREAS/POSITIONS |
| 1 | ARISE |
| 18 | ARM |
| 1 | ARM-LIFT |
| 1 | ARMAMENT |
| 2 | ARMED |
| 28 | ARMING |
| 5 | ARMOR |
| 1 | ARMOR-PIERCING |
| 1 | ARMORED |
| 2 | ARMORER |
| 3 | ARMY |
| 15 | ARMY |
| 40 | ARMY |
| 1 | ARMY-AT-LARGE |
| 1 | ARMY-LEVEL |
| 4 | ARMY'S |
| 49 | AROUND |
| 2 | ARCADE |
| 1 | ARCADES |
| 1 | ARRANGEMENT |
| 1 | ARRANGEMENTS |
| 1 | ARRIVAL |
| 3 | ARRIVE |
| 1 | ARRIVED |
| 1 | ARRIVES |
| 1 | ARROWS |
| 1 | ARSENALS |
| 3 | ARTERY |
| 1 | ARTERY |

| | |
|-----|------------------------|
| 4 | ARTICULATING |
| 2 | ARTICULATOR |
| 12 | ARTIFICIAL |
| 1 | ARTIFICIAL-RESPIRATION |
| 1 | ARTIFICIALLY |
| 4 | ARTILLERY |
| 383 | AS |
| 1 | AS-1729 |
| 1 | ASURE |
| 1 | ASIDE |
| 7 | ASK |
| 2 | ASPS |
| 1 | ASP |
| 1 | ASSAULT |
| 34 | ASSAULT |
| 2 | ASSEMBLY |
| 6 | ASSEMBLE |
| 10 | ASSEMBLED |
| 10 | ASSEMBLIES |
| 2 | ASSEMBLING |
| 130 | ASSEMBLY |
| 1 | ASSIGN |
| 19 | ASSIGNED |
| 1 | ASSIGNMENT |
| 1 | ASSIGNMENTS |
| 20 | ASSIST |
| 11 | ASSISTANCE |
| 5 | ASSISTANT |
| 1 | ASSISTANT'S |
| 2 | ASSISTS |
| 4 | ASSOCIATED |
| 4 | ASSOCIATION |
| 5 | ASSUME |
| 1 | ASSUMED |
| 2 | ASSURANCE |
| 8 | ASSURE |
| 5 | ASTERN |
| 304 | AT |
| 1 | AT-271/A |
| 1 | AT-892/PRC |
| 1 | ATEEL |
| 1 | ATES |
| 2 | ATOM |
| 1 | ATOPINE |
| 1 | ATSE-ICI |

| | |
|----|----------------|
| 36 | ATTACH |
| 26 | ATTACHED |
| 8 | ATTACHING |
| 2 | ATTACHMENT |
| 13 | ATTACK |
| 2 | ATTACKING |
| 2 | ATTACKS |
| 1 | ATTAIN |
| 1 | ATTAINING |
| 1 | ATTARY |
| 21 | ATTEMPT |
| 7 | ATTEMPTING |
| 2 | ATTEMPTS |
| 1 | ATTEMPT |
| 4 | ATTENTION |
| 2 | ATTITUDE |
| 1 | ATTN |
| 1 | ATTNES |
| 1 | AUDIO |
| 2 | AUGER |
| 2 | AUGUST |
| 2 | AUFAL |
| 4 | AUTHENTICATE |
| 2 | AUTHENTICATION |
| 2 | AUTHORITY |
| 1 | AUTHORIZE |
| 11 | AUTHORIZED |
| 5 | AUTOMATIC |
| 2 | AUTOMATICALLY |
| 1 | AVAILABILITY |
| 52 | AVAILABLE |
| 2 | AVENUES |
| 1 | AVERAGE |
| 14 | AVOID |
| 4 | AVOIDED |
| 3 | AWARD |
| 2 | AWARDED |
| 1 | AWAKE |
| 20 | AWAY |
| 2 | AWG |
| 3 | AXE |
| 1 | AXES |
| 2 | AXLE |
| 3 | AZIMUTH |
| 1 | AZIMUTHS |

| | | |
|----|----|-----------------|
| 1 | 99 | A16A1 |
| 1 | 1 | R |
| 2 | 2 | R-1 |
| 2 | 2 | RA-2245/U |
| | | BA-245/U |
| 2 | 2 | RA-30 |
| 2 | 2 | RA-4386 |
| 26 | 26 | PARK |
| 3 | 3 | RACKRLAST |
| 1 | 1 | RACKED |
| 7 | 7 | RACKGROUND |
| 4 | 4 | RACKING |
| 1 | 1 | PACKSHING |
| 7 | 7 | SACKYARD |
| 1 | 1 | DAILY |
| 1 | 1 | RAFFLES |
| 6 | 6 | RAG |
| 1 | 1 | RAGS |
| 5 | 5 | RAIL |
| 1 | 1 | BAILED |
| 6 | 6 | RAILEY |
| 1 | 1 | PALAIRED |
| 40 | 40 | RAIK |
| 2 | 2 | RAIK-CARRYING |
| 4 | 4 | RAIK-CONNECTING |
| 1 | 1 | RAIK-DEPRESSING |
| 1 | 1 | RALL |
| 1 | 1 | PALLS |
| 1 | 1 | PALTIMORE |
| 12 | 12 | BAID |
| 4 | 4 | RAIDAGE |
| 3 | 3 | RAIDAGES |
| 1 | 1 | RAIDAGING |
| 4 | 4 | RAIDCLEER |
| 2 | 2 | BAIDCLEERS |
| 11 | 11 | BAIK |
| 28 | 28 | RAIKSEAT |
| 1 | 1 | RAIKSEAT-BEAM |
| 1 | 1 | PAINERS |
| 22 | 22 | BAR |
| 1 | 1 | RAPO |
| 25 | 25 | RAPBED |
| 5 | 5 | RARUS |
| 6 | 6 | BAPE |
| 27 | 27 | BARREL |

137

| | |
|-----|--------------|
| 3 | BARRELS |
| 10 | MAPS |
| 45 | RASE |
| 2 | RASEBALL |
| 3 | RASED |
| 7 | BASEPLATE |
| 2 | BASES |
| 15 | BASIC |
| 1 | BASIC-ISSUE |
| 6 | RASIS |
| 4 | RATH |
| 1 | RATHE |
| 3 | RATHING |
| 1 | RATTALIONS |
| 13 | BATTERIES |
| 28 | BATTERY |
| 1 | BATTLE |
| 4 | BATTLEFIELD |
| 5 | BATTLESLIGHT |
| 113 | BAY |
| 2 | RAY/BRIDGE |
| 1 | RAYNET |
| 2 | RAYNETS |
| 12 | RAYS |
| 1 | RAY |
| 707 | RE |
| 1 | REACH |
| 1 | REACHES |
| 1 | REACHING |
| 56 | BEAN |
| 12 | BEAMS |
| 1 | BEANNOUNCED |
| 2 | BEAN |
| 13 | BEAKING |
| 5 | BEAKINGS |
| 1 | BEAT |
| 1 | BEATING |
| 1 | BEATS |
| 3 | BEP |
| 24 | BECAUSE |
| 1 | BECK |
| 1 | BECKET |
| 17 | BECEUPE |
| 10 | BECEUMES |
| 7 | BECEURING |

| | |
|----|---------------|
| 3 | RED |
| 22 | REEN |
| 70 | REFURE |
| 3 | REFURECURING- |
| 1 | REFUREYDU |
| 4 | BEGIN |
| 1 | BEGINNING |
| 4 | BEGINS |
| 1 | BEGUN |
| 8 | BENING |
| 35 | BETING |
| 1 | BELIEVE |
| 1 | BELONG |
| 23 | BELUH |
| 31 | BELT |
| 2 | BELTS |
| 1 | BELVIER |
| 15 | BEND |
| 6 | BENDING |
| 1 | BENDS |
| 1 | BREATH |
| 1 | BREIFIT |
| 7 | BREIT |
| 1 | BREZZE |
| 2 | BRE |
| 4 | BERTH |
| 1 | BESIDE |
| 11 | BEST |
| 6 | BETTER |
| 78 | BETWEEN |
| 1 | BEUSED |
| 8 | BEYOND |
| 1 | BHIC |
| 3 | BICARBONATE |
| 2 | BIC |
| 1 | BIGHT |
| 1 | BIGHTS |
| 1 | BII |
| 5 | BILGE |
| 2 | BIRD |
| 11 | BIRDING |
| 1 | BIRDINGS |
| 2 | BIRDOS |
| 2 | BIR |
| 22 | BIOLOGICAL |

K3

| | |
|-----|--------------|
| 1 | BLIND |
| 1 | BLIND |
| 1 | BLIND |
| 1 | BLIND |
| 1 | BLIND |
| 4 | BLIND |
| 8 | BLIND |
| 1 | BLACKBOARD |
| 4 | BLACKBOLT |
| 4 | BLADE |
| 5 | BLADES |
| 1 | BLANK |
| 4 | BLANKET |
| 8 | BLAST |
| 135 | BLASTING |
| 4 | BLASTS |
| 2 | BLIND |
| 17 | BLINDING |
| 6 | BLIND |
| 1 | BLINDING |
| 1 | BLINDS |
| 2 | BLINDNESS |
| 9 | BLISTER |
| 2 | BLISTERED |
| 3 | BLISTERING |
| 2 | BLISTERS |
| 60 | BLIND |
| 1 | BLIND |
| 21 | BLINDS |
| 1 | BLINDS/PORTS |
| 11 | BLIND |
| 1 | BLIND-SCAMER |
| 1 | BLIND |
| 9 | BLIND |
| 2 | BLIND |
| 1 | BLINDS |
| 3 | BLINDING |
| 1 | BLIND |
| 1 | BLINDS |
| 3 | BLIND |
| 1 | BLIND |
| 1 | BLIND |
| 1 | BLIND |
| 18 | BLIND |
| 2 | BLINDING |

| | |
|-----|----------------|
| 2 | BOARDS |
| 109 | BOAT |
| 1 | BOATHUCKS |
| 2 | BOATING |
| 16 | BOATS |
| 3 | BODIES |
| 1 | BODILY |
| 47 | BUDY |
| 1 | BUDY-- |
| 2 | BUDY-TARGET |
| 3 | BUGLE |
| 1 | BULL |
| 1 | BULLERS |
| 3 | BUILDING |
| 1 | BUILS |
| 1 | BULSTER |
| 67 | BULL |
| 2 | BULTED |
| 1 | BULLING |
| 20 | BULIS |
| 2 | BUMBS |
| 11 | BUNE |
| 1 | BUNNELS |
| 1 | BUNDY |
| 1 | BUNBY-TRAPPING |
| 2 | BONBYTRAPPING |
| 8 | BUCBYTRAPS |
| 3 | BUNK |
| 2 | BUNKLET |
| 23 | BURN |
| 8 | BUNSTER |
| 3 | BUNT |
| 7 | BURTS |
| 8 | BUSE |
| 1 | BUREMULES |
| 22 | BUTH |
| 1 | BUTOP |
| 1 | BUTLETHE |
| 50 | BUTLICH |
| 1 | BUTLEVARO |
| 1 | BUNCE |
| 1 | BUNCEING |
| 6 | BUNCEING |
| 25 | BUN |
| 7 | BUNLINE |

| | | |
|----|---------------|--|
| 14 | AUX | |
| 4 | BOXES | |
| 01 | BWA | |
| 17 | BRACE | |
| 1 | BRACED | |
| 9 | BRACES | |
| 21 | BRACING | |
| 1 | BRACING-FRAME | |
| 1 | BRACKES | |
| 31 | BRACKET | |
| 21 | BRACKETS | |
| 1 | BRACKED | |
| 2 | BRACK: | |
| 13 | BRACK | |
| 3 | BRACKS | |
| 1 | BRANKING | |
| 17 | BRANCH | |
| 4 | BRANCHES | |
| 1 | BRASS | |
| 1 | BRAYL | |
| 1 | BRCM2 | |
| 16 | BRCK | |
| 4 | BRCKING | |
| 3 | BRCKS | |
| 8 | BRCKSTONE | |
| 8 | BRCKTH | |
| 5 | BRCKTIVE | |
| 4 | BRCKTHER | |
| 21 | BRCKTHING | |
| 7 | BRCKTHS | |
| 24 | BRIDGE | |
| 4 | BRIDGE/RAFT | |
| 1 | BRIDGEHEAD--P | |
| 20 | BRIDGES | |
| 7 | BRIDGING | |
| 7 | BRIDLE | |
| 1 | BRIGHT | |
| 3 | BRING | |
| 1 | BRINGING | |
| 1 | BRINGS | |
| 1 | BRISTLES | |
| 1 | BRADEN | |
| 19 | BRACKEN | |
| 1 | BRACHT | |
| 2 | BRACH. | |

| | |
|----|---------------|
| 2 | AMISE |
| 11 | AMISH |
| 1 | AMISHES |
| 2 | AMISHING |
| 1 | ATR-6UPB |
| 1 | PURBLES |
| 1 | RACKET |
| 1 | RUCKLE |
| 1 | RUCKLES |
| 2 | BURDY |
| 1 | RUFF |
| 25 | RUFFER |
| 1 | RUEPING |
| 1 | RUEPIC |
| 20 | RUEPING |
| 1 | RUELOINGS |
| 2 | RUELOS |
| 13 | RUELT |
| 4 | RUELT-UP |
| 2 | RUEGE |
| 2 | RUEGES |
| 1 | BULK |
| 2 | RUEKHEAD |
| 1 | RUELS-EYE |
| 3 | RUELET |
| 1 | RUELTIN |
| 1 | RUELETS |
| 1 | RUEP |
| 1 | RUEPEN |
| 1 | RUEKER |
| 1 | RUEKENS |
| 1 | RUEY |
| 1 | RUEYANCY |
| 1 | RUEJAL |
| 13 | RUEJED |
| 2 | RUEJAP |
| 17 | RUEJN |
| 2 | RUEJEU |
| 2 | RUEJING |
| 14 | RUEJNS |
| 1 | RUEJNT |
| 2 | RUEJRS |
| 1 | RUEJTING |
| 1 | RUEJTING-TYPE |
| 4 | RUEJY |

| | |
|-----|-------------------|
| 1 | RUSH |
| 2 | RUSHES |
| 4 | RUSHING |
| 47 | RUT |
| 2 | BUTT |
| 20 | BUTTON |
| 1 | BUTTONED |
| 1 | BUTTONED-UP |
| 2 | BUTTONS |
| 8 | PUZZLE |
| 436 | RY |
| 1 | RYCERALL |
| 70 | C |
| 1 | C-1 |
| 1 | C-11 |
| 1 | C-6 |
| 3 | CAR |
| 1 | CARIN |
| 48 | CABLE |
| 9 | CABLES |
| 1 | CAPRICE |
| 2 | CAP |
| 1 | CAPING |
| 2 | CALCIUM |
| 10 | CALIBER |
| 5 | CALL |
| 10 | CALLED |
| 1 | CALLS |
| 1 | CALM |
| 7 | CAP |
| 1 | CAMPING |
| 37 | CAPUPLAGE |
| 6 | CAPUPLAGE/CONCEAL |
| 3 | CAPUPLAGING |
| 139 | CAP |
| 1 | CANADIAN |
| 1 | CAPAL |
| 1 | CAPULES |
| 2 | CAPISTER |
| 1 | CAPISTER-SHAPED |
| 31 | CAPINDT |
| 1 | CAPT |
| 21 | CANTEN |
| 1 | CAPTEENFUL |
| 1 | CAPTEENFULS |

38

| | |
|-----|--------------|
| 3 | CAPTEENS |
| 2 | CARVAS |
| 172 | CAP |
| 1 | CAPABILITIES |
| 10 | CAPABILITY |
| 3 | CAPABLE |
| 1 | CAPACITORS |
| 15 | CAPACITY |
| 7 | CAPRI |
| 33 | CAPS |
| 1 | CAPS-ALL |
| 3 | CAPSTAN |
| 1 | CAPSOLE |
| 4 | CAPTIVE |
| 4 | CAPTURE |
| 2 | CAPTURED |
| 2 | CAPRON |
| 1 | CAPRONIUM |
| 7 | CAPU |
| 3 | CASQUARD |
| 11 | CASE |
| 23 | CAREER |
| 13 | CAREFUL |
| 16 | CAPEFULLY |
| 1 | CARELESS |
| 16 | CARNIED |
| 27 | CARNILK |
| 1 | CARNIES |
| 26 | CAPNY |
| 65 | CARMYING |
| 12 | CARTRIDGE |
| 3 | CARTRIDGES |
| 1 | CARRYING |
| 35 | CASE |
| 1 | CASED |
| 4 | CASES |
| 4 | CAS |
| 7 | CASUALTIES |
| 25 | CASUALTY |
| 30 | CASUALTYS |
| 1 | CAT |
| 8 | CATCH |
| 1 | CATCHES |
| 1 | CATEGORIES |
| 1 | CATEGORIZED |

| | |
|----|-----------------|
| 1 | CHISELED |
| 7 | CHLORIDE |
| 1 | CHLORIDE-SODIUM |
| 1 | CHLORINE |
| 2 | CHUCK |
| 1 | CHUCKS |
| 4 | CHUCE |
| 1 | CHICES |
| 2 | CHIKING |
| 1 | CHOPPER-OFFER |
| 1 | CHIPPING |
| 10 | CHING |
| 4 | CHINDS |
| 1 | CHINT |
| 1 | CIGARETTES |
| 2 | CIRCLE |
| 39 | CIRCUIT |
| 2 | CIRCUIT-EXCEPT |
| 10 | CIRCLITS |
| 4 | CIRCULATION |
| 1 | CIRCUMFERENCE |
| 2 | CIRCUMSTANCES |
| 1 | CIRCUIT |
| 1 | CIVIL |
| 2 | CIVILIAN |
| 3 | CIVILIANS |
| 1 | CLAMPY |
| 9 | CLAMP |
| 2 | CLAMPED |
| 1 | CLAMPING |
| 2 | CLAMPS |
| 1 | CLANCING |
| 1 | CLARITY |
| 10 | CLASS |
| 1 | CLASSES |
| 1 | CLASSIFICATION |
| 1 | CLASSIFIED |
| 1 | CLASSIFY |
| 4 | CLAW |
| 1 | CLAWS |
| 5 | CLAYPUNE |
| 41 | CLEAR |
| 9 | CLEARER |
| 2 | CLEARER |
| 1 | CLEAREST |

162

1 CHAMBERING
1 CHAMBERS
1 CHANCE
15 CHANGE
1 CHANGED

7 CHANGES
3 CHANGING
1 CHANNEL
3 CHANNELS
19 CHAP

22 CHAPTER
1 CHAR
10 CHARACTERISTICS
1 CHARACTUAL
36 CHANGE

2 CHARGED
2 CHARGER
31 CHAROLS
7 CHARGING
1 CHARLIE

2 CHARRER
2 CHARRING
1 CHART
146 CHECK
5 CHECKED

3 CHECKING
1 CHECKLIST
25 CHECKS
1 CHECK
1 CHECKBOOKS

2 CHECKS
59 CHEMICAL
3 CHEMICAL-BIOLOGICAL
1 CHEMICAL
6 CHESS

24 CHEST
10 CHIEF
1 CHIEFLY
2 CHILD
13 CHIN

3 CHIN-UP
4 CHIPPED
3 CHIPPING
3 CHIPS
2 CHISEL-LIKE

1 CAUGHT
1 CAUSE
1 CAUSED
1 CAUSES
1 CAUSING

21 CAUTION
1 CAUTIONED
1 CAUTIOUSLY
1 CAVE
2 CAVE-LIKE

1 CAVED
1 CAVES
4 CAVITY
1 CB
1 CBS

1 CELL
2 CELLS
1 CEMENTED
1 CEMENT
21 CENTER

1 CENTER-TO-CENTER
4 CENTERED
3 CENTERLINE
5 CENTERS
1 CENTIMETER

11 CENTIMETERS
1 CENTRAL
1 CERI
1 CERAMIC
1 CERAMICS

9 CERTAIN
1 CERTIFICATED
2 CFM
1 CG-1773/U
1 CG-1773/U*

1 CHAFES
1 CHAFING
19 CHAIR
3 CHAINS
1 CHALLENGE

13 CHALLENGE
3 CHALLENGED
4 CHALLENGING
1 CHALLUAD
3 CHAMBER

21 CLEANING
3 CLEANLINESS
1 CLFAISE
60 CLEAR
3 CLEARANCE

12 CLEARED
1 CLFAREST
13 CLFARING
2 CLEARLY
2 CLEARS

1 CLFAT
12 CLFATS
2 CLICK
3 CLICKS
1 CLIMATE

5 CLIMATIC
3 CLIMB
1 CLIMB
22 CLIP
1 CLIPPED

1 CLIPPING
13 CLIPS
7 CLIPWISE
4 CLOGGED
20 CLUSE

14 CLOSED
5 CLOSED-CHEST
2 CLOSEUCHEST
3 CLOSELY
3 CLOSER

1 CLOSERS
8 CLOSING
4 CLOSURE
19 CLOTH
2 CLOTHES

34 CLOTHING
2 CLOTHING/EQUIPMENT
3 CLOUDY
11 CLOVE
4 CLIMPS

1 CLUSTERED
15 CLUTCH
1 CLUTTERED
3 CM
1 CMF

| | | |
|----|----------------|--|
| 1 | CMS-12 | |
| 10 | CN | |
| 2 | CUASTAL | |
| 3 | CUAT | |
| 10 | CULTED | |
| 1 | CUATING | |
| 2 | CUCKING | |
| 3 | CUCKPIT | |
| 2 | CUCKS | |
| 3 | CUDE | |
| 2 | CUDO | |
| 1 | CUDING | |
| 3 | CUIL | |
| 2 | CUILED | |
| 6 | CUILS | |
| 1 | CUIN | |
| 13 | CUIU | |
| 1 | CULDEST | |
| 8 | CULLAPSE | |
| 1 | CULLAPSED | |
| 4 | CULLAR | |
| 1 | CULLAKRONE | |
| 1 | CULLECT | |
| 2 | CULLECT/REPERT | |
| 1 | CULLECTED | |
| 1 | CULLECTING | |
| 3 | CULLECTION | |
| 4 | CULLECTIVE | |
| 1 | CULLET | |
| 3 | CULLETS | |
| 18 | CULUR | |
| 10 | CULUR/PARKINGS | |
| 3 | CULURED | |
| 4 | CULURES | |
| 8 | CULUIN | |
| 2 | CULUINS | |
| 26 | CULUBAT | |
| 11 | CULUBINATION | |
| 2 | CULUBINED | |
| 1 | CULUBINING | |
| 1 | CULUBS | |
| 8 | CULUE | |
| 1 | CULUEITS | |
| 8 | CULUES | |
| 2 | CULUEFORTABLE | |

| | |
|----|---------------------------|
| 1 | CUMFORTABLY |
| 1 | CUMHARRINGS-B R |
| 4 | CUMING |
| 8 | CUMMAND |
| 2 | CUMMANDANT |
| 16 | CUMMANDER |
| 1 | CUMMANDER |
| 2 | CUMMANDER'S |
| 2 | CUMMARDS |
| 1 | CUMMENSURATE |
| 1 | CUMMENT |
| 5 | CUMMENTS |
| 1 | CUMMISSIONED |
| 2 | CUMING |
| 13 | CUMING |
| 4 | CUMMUNICATE |
| 1 | CUMMUNICATING |
| 1 | CUMMUNICATION |
| 5 | CUMMUNICATIONS |
| 1 | CUMMUNICATIONS-ELECTRONIC |
| 13 | CUMPARY |
| 1 | CUMPARABLE |
| 2 | CUMPARA |
| 1 | CUMPARAS |
| 1 | CUMPARISON |
| 13 | CUMPARTMENT |
| 8 | CUMPARTMENTS |
| 4 | CUMPASS |
| 1 | CUMPENSATE |
| 1 | CUMPETE |
| 2 | CUMPETITIVE |
| 31 | CUMPLENTARY |
| 21 | CUMPLITE |
| 8 | CUMPLETED |
| 8 | CUMPLETELY |
| 1 | CUMPLETENESS |
| 2 | CUMPLETING |
| 4 | CUMPLETION |
| 1 | CUMPLEXES |
| 1 | CUMPLICATE |
| 2 | CUMPLICATED |
| 1 | CUMPLISH |
| 3 | CUMPLY |
| 11 | CUMPLIMENT |
| 55 | CUMPLIMENTS |

| | |
|-----|-------------------|
| 1 | CUPPOSED |
| 1 | CUPPOSITION |
| 1 | CUPPUTASKS |
| 8 | CUPPROUND |
| 1 | CUPPUNDUS |
| 2 | CUPPRESS |
| 1 | CUPRESSED |
| 1 | CUPPRESSING |
| 6 | CUPPRESSOR |
| 1 | CUPPULE |
| 1 | CUPUNICATIONS |
| 2 | CUPCAVE |
| 3 | CUPCEMI |
| 4 | CUPCELED |
| 1 | CUPCEALING |
| 10 | CUPCEALMENT |
| 1 | CUPCEALS |
| 2 | CUPCENTRATE |
| 1 | CUPCENTRATING |
| 1 | CUPCENTRATION |
| 3 | CUPCENTRATIONS |
| 1 | CUPCENTRIC |
| 1 | CUPCENTS |
| 4 | CUPCENTRED |
| 23 | CUPCENTINA |
| 1 | CUPCENTINAS |
| 2 | CUPCRETE |
| 5 | CUPCUSSION |
| 3 | CUPCENSATION |
| 20 | CUPCUITION |
| 1 | CUPCUITIONMA |
| 1 | CUPCUITIONING |
| 102 | CUPCUITIONUS |
| 1 | CUPCUITIONUS-EVEN |
| 4 | CUPCUITIONUS |
| 1 | CUPCUIT |
| 7 | CUPCUIT |
| 2 | CUPCUITLED |
| 1 | CUPCUITLING |
| 1 | CUPCUITION |
| 5 | CUPDUCTOR |
| 3 | CUPDUCTORS |
| 6 | CUPDUCTORATION |
| 1 | CUPFINE |
| 3 | CUPFIM |

| | |
|----|----------------|
| 1 | CURFLY |
| 3 | CURFUSION |
| 7 | CURICAL |
| 1 | CURJUNCTION |
| 43 | CURNET |
| 25 | CURNETED |
| 23 | CURNETING |
| 16 | CURNETION |
| 19 | CURNETIONS |
| 17 | CURNETUR |
| 24 | CURNETORS |
| 6 | CURNETS |
| 10 | CURNETUS |
| 3 | CURNETUSNESS |
| 1 | CURNETIVE |
| 1 | CURNETLY |
| 2 | CURNETER |
| 2 | CURNETERABLY |
| 2 | CURNETERATIONS |
| 2 | CURNETERED |
| 7 | CURNET |
| 1 | CURNETENT |
| 1 | CURNETING |
| 30 | CURNETS |
| 1 | CURNETILL |
| 1 | CURNETIDATED |
| 5 | CURNETANT |
| 1 | CURNETANTLY |
| 1 | CURNETITUTED |
| 15 | CURNETCT |
| 5 | CURNETCTED |
| 2 | CURNETCTING |
| 19 | CURNETCTION |
| 1 | CURNETCTRIEN |
| 1 | CURNETLED |
| 1 | CURNETLING |
| 1 | CURNETUME |
| 1 | CURNETUMING |
| 1 | CURNETUMPTION |
| 12 | CURNETAC |
| 1 | CURNETACTING |
| 4 | CURNETAIN |
| 2 | CURNETAINED |
| 4 | CURNETAINER |
| 4 | CURNETAINERS |

| | |
|----|---------------|
| 14 | CURTAINING |
| 8 | CURTAINS |
| 23 | CURTAMINATED |
| 2 | CURTAMINATING |
| 15 | CURTAMINATION |
| 1 | CURTAMINATED |
| 1 | CURTENTS |
| 1 | CURTINALLY |
| 2 | CURTINULATION |
| 21 | CURTINULE |
| 1 | CURTINUES |
| 2 | CURTINLING |
| 6 | CURTINITY |
| 6 | CURTINELS |
| 2 | CURTINULS |
| 1 | CURTOUT |
| 77 | CURTUL |
| 1 | CURTUL-BOX |
| 5 | CURTULLED |
| 2 | CURTULLING |
| 15 | CURTULS |
| 1 | CURVIENT |
| 2 | CURVEYING |
| 1 | CURVINCE |
| 1 | CURVULSION |
| 2 | CURVULSIONS |
| 1 | CURYU |
| 2 | CURK-OFF |
| 3 | CURKOFF |
| 10 | CURL |
| 4 | CURLANT |
| 3 | CURLING |
| 1 | CURPERATIVE |
| 9 | CURPINATE |
| 5 | CURPINATES |
| 1 | CURPINDTE |
| 60 | CURP |
| 4 | CURPUS |
| 7 | CURPHEW |
| 1 | CURPHERS |
| 5 | CURPS |
| 37 | CURRECT |
| 2 | CURRECTABLE |
| 10 | CURRECTED |
| 2 | CURRECTING |

| | |
|-----|--------------------|
| 1 | CUPNECTION |
| 1 | CUPRECTIONS |
| 3 | CUPRECTIVE |
| 12 | CUPRECTLY |
| 2 | CURRESPONDENCE |
| 1 | CUPRESPONDING |
| 1 | CURRUE |
| 1 | CURKED |
| 3 | CUPRECTION |
| 2 | CUSILY |
| 6 | CUTTER |
| 1 | CUTTEN |
| 2 | CUTTING |
| 10 | CUTLE |
| 1 | CUNSELOR |
| 6 | CUNY |
| 3 | CUNYTRCLOCKWISE |
| 2 | CUNYTRINTELLIGENCE |
| 1 | CUNYTRINE |
| 1 | CUNYTRPART |
| 1 | CUNYTRIES |
| 1 | CUNYTRYS |
| 1 | CUNYTS |
| 1 | CUNYLED |
| 7 | CUNYPLING |
| 3 | CUNYPLINGS |
| 16 | CUNYSE |
| 5 | CUNYSES |
| 1 | CUNYTESIES |
| 100 | CUNYER |
| 1 | CUNYER/CONCEALMENT |
| 1 | CUNYERAGE |
| 11 | CUNYERED |
| 4 | CUNYERING |
| 3 | CUNYERS |
| 1 | CPS |
| 1 | CK |
| 1 | CRACK |
| 6 | CRACKED |
| 17 | CRACKS |
| 8 | CRADLE |
| 4 | CRIFT |
| 1 | CRIMING |
| 1 | CRIMPPING |
| 7 | CRAMPS |

| | |
|----|-----------------|
| 2 | CRANE |
| 0 | CRANK |
| 2 | CRANKCASE |
| 3 | CRATER |
| 3 | CRATERING |
| 4 | CRAVAT |
| 3 | CRAVATS |
| 2 | CRAWLING |
| 6 | CRAYON |
| 1 | CREASES |
| 1 | CREATED |
| 2 | CREDIT |
| 3 | CREEPING |
| 29 | CREW |
| 2 | CREW-SERVED |
| 20 | CREWTAN |
| 1 | CREWMAN |
| 1 | CREWS |
| 2 | CRIBBING |
| 6 | CRIMP |
| 1 | CRIMPED |
| 8 | CRIMPER |
| 14 | CRIMPLES |
| 4 | CRIMING |
| 3 | CRITERIA |
| 17 | CRITICAL |
| 26 | CROSS |
| 1 | CROSS-CUT |
| 3 | CROSS-REFERENCE |
| 2 | CROSS-SECTION |
| 2 | CROSSCUT |
| 2 | CROSSED |
| 3 | CROSSES |
| 12 | CROSSING |
| 3 | CRETCH |
| 2 | CRUMPER |
| 1 | CRUMPLES |
| 1 | CRUMPLED |
| 1 | CRUSH |
| 4 | CRUSHED |
| 7 | CS |
| 1 | CS-4655* |
| 1 | CS-4720 |
| 1 | CUTIE |
| 1 | CULTURAL |

| | |
|----|----------------|
| 3 | CULVENT |
| 1 | CULULATION |
| 1 | CULULATIVE |
| 3 | CUP |
| 1 | CUPPED |
| 1 | CUPPING |
| 1 | CUPS |
| 12 | CURB |
| 3 | CURBING |
| 9 | CURNS |
| 1 | CURED |
| 17 | CURRENT |
| 3 | CURRENTLY |
| 5 | CURRENTS |
| 2 | CURVE |
| 1 | CURVED |
| 7 | CURVES |
| 1 | CURSED |
| 35 | CUT |
| 1 | CUTAWAY |
| 10 | CUTS |
| 1 | CUTSUPERVISORY |
| 5 | CUTTER |
| 14 | CUTTING |
| 1 | CUTTINGS |
| 1 | CM |
| 1 | CX-4625 |
| 1 | CX-4722* |
| 1 | CA-4722/VMC* |
| 1 | CX-722/VRC |
| 1 | CYCLE |
| 1 | CYCLES |
| 1 | CYCLIC |
| 6 | CYLINDER |
| 3 | CYLINDERS |
| 1 | CONDITIONS |
| 44 | D |
| 2 | D-PING |
| 44 | DA |
| 7 | DAILY |
| 47 | DAMAGE |
| 27 | DAMAGED |
| 1 | DAMAGES |
| 4 | DAMAGING |
| 1 | DAMP |

| | |
|----|-----------------|
| 5 | DAIGER |
| 7 | DAIGENCUS |
| 1 | DAPUS |
| 5 | DARK |
| 11 | DARKNESS |
| 2 | DASH |
| 11 | DATA |
| 1 | DATE |
| 1 | DATE-TIME |
| 1 | DATES |
| 1 | DAY |
| 29 | DAYLIGHT |
| 8 | DAYS |
| 2 | DC |
| 1 | DESIRED |
| 1 | DEVICE |
| 1 | DCA |
| 5 | DEZO |
| 3 | DEZUMEN |
| 4 | DEZUSPACE |
| 1 | DELL |
| 11 | DEATH |
| 9 | DEBOTS |
| 1 | DEBOTS-LADEN |
| 1 | DEBOTS-LADEN |
| 1 | DEBUTEN |
| 1 | DECIOL |
| 1 | DECISION |
| 1 | DECISIVE |
| 59 | DECK |
| 2 | DECKING |
| 2 | DEKS |
| 1 | DEKSE |
| 16 | DECONTAMINATE |
| 1 | DECONTAMINATE- |
| 4 | DECONTAMINATED |
| 1 | DECONTAMINATING |
| 11 | DECONTAMINATION |
| 2 | DECREASE |
| 1 | DECREASED |
| 3 | DECREASING |
| 1 | DEF |
| 22 | DEFP |
| 1 | DEEXACTLY |
| 1 | DEFEAT |

| | |
|----|---------------------------|
| 2 | DEFECATING |
| 1 | DEFECATION |
| 13 | DEFECT |
| 5 | DEFECTIVE |
| | DEFECTS |
| 16 | DEFENSE |
| 1 | DEFENSES |
| 16 | DEFENSIVE |
| 6 | DEFICIENCIES |
| 8 | DEFICIENCIES/SHORTCOMINGS |
| 4 | DEFICIENCY |
| 1 | DEFIRE |
| 1 | DEFILLO |
| 1 | DEFINITE |
| 2 | DEFLATE |
| 1 | DEFLATING |
| 2 | DEFLATION |
| 1 | DEPLETED |
| 9 | REFLECTION |
| 1 | REFLECTS |
| 1 | RETURN |
| 1 | REFORMING |
| 1 | REFUSE |
| 1 | DEGRADE |
| 3 | DEGREES |
| 5 | DEGREES |
| 8 | DELAY |
| 2 | DELATED |
| 1 | DELICATE |
| 1 | DELIVER |
| 1 | DELIVERED |
| 1 | DELIVERING |
| 7 | DELIVERY |
| 1 | DELL |
| 1 | DELTA |
| 1 | DEMAND |
| 42 | DEMOLITION |
| 17 | DEMOLITIONS |
| 3 | DEMONSTRATE |
| 6 | DEMONSTRATED |
| 2 | DEPOSE |
| 1 | DENSITY |
| 1 | DELTAL |
| 2 | DEPTED |
| 3 | DENTS |

| | |
|----|-------------|
| 2 | CENTURES |
| 1 | DEPART |
| 1 | DEPARTMEN |
| 2 | DEFEID |
| 1 | DEPENDABLE |
| 3 | DEPENDENT |
| 10 | DEPERDING |
| 8 | DEPEUS |
| 1 | DEPICTED |
| 1 | DEPICTS |
| 1 | DEPOSITS |
| 1 | DEPUT |
| 1 | DEPUTS |
| 20 | DEPRESS |
| 3 | DEPRESSED |
| 2 | DEPRESSES |
| 7 | DEPRESSING |
| 2 | DEPRESSION |
| 1 | DEPRESSIONS |
| 2 | DEPRESSOR |
| 8 | DEPTH |
| 1 | DER |
| 1 | DERIVE |
| 1 | DERIVATION |
| 1 | DERIVATIVE |
| 2 | DESCRIBE |
| 14 | DESCRIBED |
| 3 | DESCRIBES |
| 3 | DESCRIPTION |
| 1 | DESCRIPTIVE |
| 1 | DESTRUCT |
| 19 | DESTRUCTED |
| 1 | DESTRUCTION |
| 16 | DESIGNED |
| 1 | DESIRABLE |
| 1 | DESIRE |
| 17 | DESIGNED |
| 3 | DESIRES |
| 5 | DESIRABLE |
| 9 | DESIGNED |
| 2 | DESTRUCTING |
| 2 | DESTRUCTION |
| 1 | DETACH |
| 2 | DETACHED |
| 2 | DETAIL |

| | |
|----|---------------|
| 5 | DETAILED |
| 1 | DETAILS |
| 2 | DETAIR |
| 1 | DETAILED |
| 9 | DETECT |
| 1 | DETECTABLE |
| 7 | DETECTED |
| 6 | DETECTING |
| 1 | DETECTION |
| 1 | DETECTIC |
| 20 | DETECTOR |
| 3 | DETECT |
| 1 | DETERMINATED |
| 2 | DETERMINATION |
| 26 | DETERMINE |
| 5 | DETERMINED |
| 1 | DETERMINES |
| 5 | DETERMINING |
| 22 | DETERMINE |
| 4 | DETERMINED |
| 1 | DETERMINER |
| 3 | DETERMINES |
| 17 | DETERMINING |
| 18 | DETERMINATION |
| 6 | DETERMINATOR |
| 2 | DEVELOP |
| 1 | DEVELOPMENT |
| 2 | DEVELOPED |
| 1 | DEVELOPING |
| 3 | DEVELOPMENT |
| 7 | DEVELOPS |
| 20 | DEVELOP |
| 7 | DEVELOPS |
| 1 | DEVELOP |
| 2 | DEVELOP |
| 2 | DIAL |
| 26 | DIAMETER |
| 1 | DICTION |
| 1 | DICTION |
| 2 | DIF |
| 1 | DIER |
| 2 | DIFRAS |
| 1 | DIFAS |
| 1 | DIFSEL |
| 4 | DIFFERENCE |

| | |
|----|----------------|
| 1 | DIFFERENCES |
| 9 | DIFFERENT |
| 1 | DIFFERENTIALS |
| 1 | DIFFERENTIALLY |
| 12 | DIFFICULT |
| 2 | DIFFICULTY |
| 1 | DIFISTER |
| 1 | DICHELL |
| 14 | DIC |
| 1 | DIGER |
| 2 | DIGGING |
| 4 | DIGIT |
| 3 | DIGITS |
| 1 | DIGRE |
| 3 | DIGREES |
| 2 | DIGRESS |
| 1 | DIG |
| 2 | DIGGED |
| 2 | DIGGING |
| 1 | DIGSTICK |
| 27 | DIRECT |
| 10 | DIRECTED |
| 2 | DIRECTING |
| 14 | DIRECTION |
| 1 | DIRECTIONAL |
| 2 | DIRECTIONS |
| 1 | DIRECTIVES |
| 20 | DIRECTLY |
| 1 | DIRECTS |
| 30 | DIRT |
| 1 | DIRT/LUG |
| 8 | DISTY |
| 2 | DISTURB |
| 1 | DISTURBING |
| 1 | DISAPPEAR |
| 19 | DISARM |
| 5 | DISARMED |
| 1 | DISARMING |
| 1 | DISASSEMBLE |
| 5 | DISASSEMBLED |
| 14 | DISASSEMBLY |
| 3 | DISCARD |
| 1 | DISCARDED |
| 1 | DISCHARGE |
| 1 | DISCHARGED |

| | |
|----|------------------|
| 1 | DISCHARGES |
| 9 | DISCIPLINE |
| 2 | DISCLOSE |
| 1 | DISCOMFORT |
| 1 | DISCOMFORT |
| 11 | DISCONNECT |
| 1 | DISCONNECTED |
| 2 | DISCONNECTING |
| 2 | DISCONNECTION |
| 1 | DISCONNECTORS |
| 1 | DISCONNECTS |
| 1 | DISCONTINUE |
| 1 | DISCREPANCIES |
| 1 | DISCUSSION |
| 2 | DISCRIMINATE |
| 1 | DISCUSS |
| 4 | DISEASE |
| 1 | DISEASE-CARRYING |
| 2 | DISEASES |
| 15 | DISBURGAGE |
| 1 | DISINFECT |
| 1 | DISKS |
| 1 | DISLOCATED |
| 1 | DISLOUGE |
| 1 | DISMANTLING |
| 1 | DISCOUNT |
| 3 | DISMOUNTED |
| 1 | DISPERSED |
| 1 | DISPERSED |
| 1 | DISPERSED |
| 1 | DISPLACEMENT |
| 1 | DISPLAY |
| 1 | DISPLAYING |
| 1 | DISPENSAL |
| 5 | DISPOSE |
| 2 | DISPOSED |
| 1 | DISPOSITION |
| 1 | DISSOLVE |
| 1 | DISSOLVED |
| 1 | DISSOLVING |
| 32 | DISTANCE |
| 4 | DISTANCES |
| 12 | DISTANT |
| 1 | DISTILLED |
| 2 | DISTINCT |
| 3 | DISTINCTIVE |

| | |
|-----|----------------|
| 1 | DISTINCTIONS |
| 2 | DISTRIBUTE |
| 1 | DISTRIBUTED |
| 1 | DISTRIBUTING |
| 5 | DISTRIBUTION |
| 2 | DISTURB |
| 1 | DISTURBED |
| 1 | DISK-39 |
| 1 | DITCH |
| 1 | DITCHES |
| 2 | DITCHING |
| 5 | DIVIDED |
| 1 | DIVIDICES |
| 1 | DIVIDING |
| 4 | DIVISION |
| 1 | DIVISIONOR |
| 4 | DIZZINESS |
| 144 | DU |
| 1 | DUCTOR |
| 1 | DOCTRINE |
| 9 | DUCKPENTS |
| 45 | DUES |
| 5 | DURING |
| 6 | DULLY |
| 1 | DUP |
| 6 | DUP-IT |
| 19 | DUPLE |
| 3 | DUP-RED |
| 1 | DUP-RED |
| 4 | DUPRS |
| 1 | DUPRAYS |
| 3 | DUSE |
| 1 | DUSES |
| 3 | DUT |
| 16 | DUTABLE |
| 2 | DUTABLE-BLOCK |
| 1 | DUTABLE-PINNED |
| 1 | DUTABLELAYERED |
| 3 | DUT-ET |
| 9 | DUT-EL |
| 2 | DUXELS |
| 91 | DUXN |
| 3 | DUXN-STREAM |
| 8 | DUXN-WARD |
| 1 | DRAFT |

| | |
|----|------------|
| 3 | DRAG |
| 11 | DRAIN |
| 6 | DRAINAGE |
| 2 | DRAIN-CECK |
| 6 | DRAW |
| 1 | DRAWING |
| 6 | DRAWN |
| 1 | DRESSED |
| 19 | DRESSING |
| 1 | DRESSINGS |
| 2 | DRIED |
| 2 | DRIFT |
| 1 | DRIFT-PIN |
| 1 | DRIFT-PIN |
| 6 | DRILL |
| 2 | DRILLED |
| 1 | DRILLING |
| 1 | DRILLS |
| 7 | DRINK |
| 7 | DRINKING |
| 20 | DRIVE |
| 10 | DRIVEN |
| 2 | DRIVEN |
| 1 | DRIVERS |
| 1 | DRIVES |
| 13 | DRIVING |
| 1 | DRUGGING |
| 10 | DRUM |
| 1 | DRUMPLETS |
| 2 | DRUMPPED |
| 3 | DRUPPING |
| 2 | DRUMPS |
| 26 | DRUM |
| 29 | DRY |
| 3 | DRY-CELL |
| 7 | DSB |
| 1 | DS2 |
| 14 | DUAL |
| 1 | DUCT |
| 2 | DUG |
| 8 | DUE |
| 3 | DUG |
| 2 | DULL |
| 3 | DUPPLY |
| 1 | DUPG |

| | | |
|-----|----------------------|--|
| 103 | DURING | |
| | DUSTY | |
| | DUTIES | |
| 13 | DUTY | |
| 1 | DUTY-POSITION | |
| 1 | DYE | |
| 1 | DYING | |
| 4 | DYLANITE | |
| 1 | DYMMITE | |
| 33 | E | |
| 1 | E-EQUIPMENT-DESCRIBE | |
| 1 | E-7 | |
| 1 | E-8 | |
| 184 | EACH | |
| 1 | EAR | |
| 1 | EAPCUPS | |
| 2 | EARLIER | |
| 3 | EARLY | |
| 3 | EAPS | |
| 11 | EARTH | |
| 2 | EASE | |
| 2 | EASED | |
| 4 | EASIER | |
| 1 | EASIEST | |
| 23 | EASILY | |
| 1 | EASTERN | |
| 5 | EASY | |
| 2 | EAT | |
| 3 | EATING | |
| 2 | ECCENTRIC | |
| 1 | ECNU | |
| 1 | ELK | |
| 1 | ELLS | |
| 13 | EDGE | |
| 1 | EDGED | |
| 10 | EDGES | |
| 2 | EDUCATION | |
| 6 | EEK | |
| 1 | EEPJ | |
| 4 | EFFECT | |
| 10 | EFFECTIVE | |
| 5 | EFFECTIVELY | |
| 5 | EFFECTIVENESS | |
| 35 | EFFECTS | |

| | |
|----|--------------|
| 2 | EFFICIENCY |
| 1 | EFFORT |
| 4 | EFFORTS |
| 10 | EIGHT |
| 1 | EIGHTH |
| 44 | EITHER |
| 1 | EJECT |
| 4 | EJECTED |
| 1 | EJECTION |
| 1 | EL |
| 1 | EL-E3 |
| 4 | ELBOW |
| 39 | ELECTRIC |
| 31 | ELECTRICAL |
| 5 | ELECTRICALLY |
| 9 | ELECTRICITY |
| 4 | ELECTROLYTE |
| 2 | ELEMENT |
| 7 | ELEMENTS |
| 3 | ELEVATE |
| 1 | ELEVATED |
| 1 | ELEVATING |
| 10 | ELEVATION |
| 1 | ELEVATIONS |
| 3 | ELIGIBILITY |
| 4 | ELIGIBLE |
| 2 | ELIMINATE |
| 3 | ELIMINATED |
| 1 | ELIMINATES |
| 2 | ELIMINATION |
| 1 | ELSE |
| 1 | EMERGED |
| 1 | EMERGENCIES |
| 12 | EMERGENCY |
| 2 | EMPHASIS |
| 2 | EMPLACE |
| 5 | EMPLACED |
| 8 | EMPLACEMENT |
| 3 | EMPLOY |
| 4 | EMPLOYED |
| 2 | EMPLOYING |
| 5 | EMPTY |
| 1 | EM2-89 |
| 4 | FN |
| 3 | ENABLE |

| | |
|-----|-----------------|
| 1 | ENAREL |
| 1 | ENCAMPMENTS |
| 1 | ENCURE |
| 1 | ENCUPPASSES |
| 1 | ENCOUNTER |
| 1 | ENCOUNTERED |
| 1 | ENCOUNTERAGE |
| 1 | ENCRYPT/DECRYPT |
| 241 | ENC |
| 1 | END-TU-END |
| 1 | ENDANGER |
| 2 | ENDANGERED |
| 41 | ENDS |
| 30 | ENEMY |
| 1 | ENEMY'S |
| 1 | ENERGIZED |
| 2 | ENERGY |
| 1 | ENFUP |
| 43 | ENGAGE |
| 9 | ENGAGED |
| 3 | ENGAGEMENT |
| 4 | ENGAGES |
| 3 | ENGAGING |
| 1 | ENGINE |
| 37 | ENGINE |
| 29 | ENGINEER |
| 1 | ENGINEER'S |
| 4 | ENGINEERING |
| 6 | ENGINEERS |
| 1 | ENGINEERS--IN |
| 2 | ENGINES |
| 2 | ENGRAVING |
| 1 | ENGRAVE |
| 4 | ENLARGE |
| 14 | ENLISTED |
| 2 | ENM |
| 42 | ENOUGH |
| 1 | ENFULL |
| 2 | ENSURE |
| 1 | ENTANGLED |
| 2 | ENTANGLEMENTS |
| 6 | ENTER |
| 2 | ENTERED |
| 2 | ENTERING |
| 2 | ENTER'S |

| | |
|----|---------------|
| 9 | ENTIRE |
| 3 | ENTIRELY |
| 1 | ENTRANCE |
| 2 | ENTRENCHING |
| 3 | ENTRIES |
| 5 | ENTRY |
| 2 | ENVELOPE |
| 10 | ENVIRONMENT |
| 42 | ENVIRONMENTAL |
| 3 | ENVIRONMENTAL |
| 1 | ENVIRONMENTAL |
| 1 | ENVIRONMENTAL |
| 6 | ENVIRONMENTAL |
| 7 | ENVIRONMENTAL |
| 1 | ENVIRONMENTAL |
| 98 | EQUIPMENT |
| 25 | EQUIPPED |
| 2 | EQUIVALENT |
| 2 | ER |
| 8 | ERECT |
| 4 | ERECTED |
| 46 | ERECTION |
| 1 | ERUD |
| 1 | ERFATIC |
| 5 | ERFUR |
| 1 | ERFURS |
| 10 | ESC |
| 4 | ESCAPE |
| 1 | ESCAPING |
| 3 | ESPECIALLY |
| 2 | ESSENTIAL |
| 1 | ESSENTIALLY |
| 1 | ESSENTIALS |
| 1 | ESTABLISHED |
| 2 | ESTABLISH |
| 2 | ESTABLISHED |
| 8 | ESTIMATE |
| 3 | ESTIMATED |
| 2 | ESTIMATING |
| 2 | ESTIMATION |
| 7 | ETC |
| 1 | ETT |
| 1 | EVACUATION |
| 1 | EVALUATION |
| 1 | EVALUATION |

4 EVALUATE
2 EVALUATED
2 EVALUATION
1 EVALUATOR
22 EVALUATORS

3 EVENLY
6 EVENT
1 EVENTUALLY
22 EVERY
1 EVERYWHERE

1 EVERYTHING
9 EVIDENCE
2 EVIDENT
1 EX-LEVELS
6 EXALT

1 EXACTLY
2 EXAMINATION
11 EXAMINE
4 EXAMINED
9 EXAMPLE

5 EXAMPLES
1 EXAMINE
1 EXCAVATE
2 EXCEED
3 EXCEEDING

1 EXCEEDS
1 EXCELLENCE
3 EXCELLENT
34 EXCEPT
5 EXCEPTION

1 EXCEPTIONS
11 EXCESS
12 EXCESSIVE
3 EXCESSIVELY
1 EXCHANGE

2 EXCHANGED
1 EXCLUSION
1 EXCITE
1 EXPANSION
1 EXHAUSTED

2 EXERCISES
3 EXERT
1 EXERTION

154

| | |
|----|--------------|
| 2 | EXHALE |
| 2 | EXHAUST |
| 4 | EXHAUSTION |
| 2 | EXIST |
| 2 | EXISTING |
| 3 | EXISTS |
| 2 | EXIT |
| 1 | EXITING |
| 2 | EXPECT |
| 6 | EXPECTED |
| 1 | EXPEDIENT |
| 12 | EXPEDIENT |
| 1 | EXPERIENTS |
| 1 | EXPERITE |
| 2 | EXPERID |
| 4 | EXPERUED |
| 3 | EXPERIENCE |
| 2 | EXPERIENCED |
| 1 | EXPERIENCING |
| 1 | EXPERT |
| 1 | EXPERTISE |
| 1 | EXPERTS |
| 4 | EXPLAIN |
| 4 | EXPLAINED |
| 1 | EXPLAINING |
| 1 | EXPLAINS |
| 1 | EXPLANATION |
| 6 | EXPLIQUE |
| 2 | EXPLEQUES |
| 1 | EXPLODING |
| 7 | EXPLOSION |
| 1 | EXPLOSIONS |
| 18 | EXPLOSIVE |
| 28 | EXPLOSIVES |
| 4 | EXPLOSE |
| 25 | EXPLOSED |
| 3 | EXPUSING |
| 17 | EXCUSURE |
| 1 | EXCUSURES |
| 1 | EXPRESS |
| 1 | EXPRESSED |
| 1 | EXTEL |
| 9 | EXTEND |
| 1 | EXTEND/FIRE |
| 9 | EXTENDED |

FR

| | |
|----|---------------|
| 2 | EXTENDING |
| 25 | EXTENSION |
| 2 | EXTENSIONS |
| 1 | EXTENSIVELY |
| 9 | EXTENT |
| 2 | EXTERNAL |
| 1 | EXTINGUISHER |
| 2 | EXTINGUISHERS |
| 8 | EXTINA |
| 5 | EXTRACT |
| 1 | EXTRACTION |
| 8 | EXTRACTOR |
| 9 | EXTRACTOR |
| 6 | EXTRINSIC |
| 4 | FATALITIES |
| 2 | EXTREMITY |
| 32 | EYE |
| 1 | EYE-END |
| 1 | EYE-LENS |
| 2 | EYE-TARGET |
| 1 | EYEBALL |
| 1 | EYEPiece |
| 1 | EYEPieces |
| 20 | EYES |
| 5 | F |
| 6 | F |
| 3 | F |
| 2 | F |
| 1 | F |
| 17 | F |
| 1 | FUEL |
| 1 | FA |
| 5 | FABRIC |
| 2 | FACILITATED |
| 31 | FACE |
| 2 | FACE-UP |
| 16 | FACEPIECE |
| 1 | FACES |
| 2 | FACIAL |
| 7 | FACILITATE |
| 4 | FACILITIES |
| 6 | FACILITY |
| 8 | FACILITATING |
| 2 | FACT |
| 1 | FACTURED |

| | |
|----|------------|
| 2 | FACTON |
| 1 | FACTORS |
| 1 | FACIEN |
| 3 | FALKENHEIT |
| 1 | FALLS |
| 2 | FAIL |
| 1 | FAILING |
| 6 | FAILS |
| 6 | FAILURE |
| 1 | FAINT |
| 1 | FAIR |
| 1 | FAIRLY |
| 8 | FALL |
| 1 | FALLEN |
| 2 | FALLING |
| 1 | FALLOUT |
| 2 | FALSE |
| 3 | FAMILIAR |
| 1 | FAMING |
| 13 | FAR |
| 1 | FARM |
| 1 | FATHER |
| 6 | FAST |
| 18 | FASTEN |
| 4 | FASTENED |
| 1 | FASTENINGS |
| 1 | FASTERS |
| 1 | FASTER |
| 1 | FATIGUE |
| 3 | FAULT |
| 17 | FAULTS |
| 4 | FAULTY |
| 1 | FUGING |
| 1 | FE |
| 6 | FEATURE |
| 16 | FEATURES |
| 3 | FED |
| 7 | FEDU |
| 6 | FEDUTING |
| 5 | FEDUTRAY |
| 7 | FEEL |
| 4 | FEELING |
| 94 | FEET |
| 1 | FELL |
| 9 | FEMALE |

| | |
|-----|------------|
| 1 | FEMININE |
| 2 | FENCE |
| 1 | FENCES |
| 2 | FERRET |
| 10 | FEN |
| 1 | FIRERS |
| 07 | FIRER |
| 1 | FIRING |
| 14 | FIRING |
| 2 | FIRE |
| 1 | FIFTH |
| 123 | FIC |
| 6 | FIGHTING |
| 45 | FIGURE |
| 8 | FIGURES |
| 1 | FIG2 |
| 2 | FILE |
| 1 | FILED |
| 1 | FILING |
| 14 | FILL |
| 4 | FILLED |
| 5 | FILLEN |
| 2 | FILLING |
| 1 | FILM |
| 8 | FILTER |
| 1 | FILTERED |
| 4 | FILTENS |
| 3 | FINAL |
| 2 | FIND |
| 2 | FIRE |
| 10 | FINGER |
| 12 | FINGERS |
| 1 | FINGERTIPS |
| 3 | FIRISH |
| 1 | FIRISHED |
| 115 | PIRE |
| 1 | FIRE-NIGHT |
| 1 | FIREBALL |
| 21 | FIRE |
| 1 | FIREMUTE |
| 8 | FIRER |
| 1 | FIRER'S |
| 14 | FIRER |
| 200 | FIRING |
| 1 | FIRID |

| | |
|----|-------------|
| 16 | FIRM |
| 18 | FIRMLY |
| 03 | FIRST |
| 4 | FIRST-AID |
| 2 | FISHERMAN'S |
| 1 | FISHERMEN'S |
| 13 | FIT |
| 9 | FITNESS |
| 14 | FITS |
| 6 | FITTED |
| 2 | FITTING |
| 7 | FITTINGS |
| 10 | FIVE |
| 2 | FIX |
| 14 | FIXED |
| 1 | FIXTURE |
| 1 | FLAG |
| 1 | FLAK |
| 1 | FLAKING |
| 2 | FLAME |
| 1 | FLAMING |
| 15 | FLANGE |
| 3 | FLANGES |
| 2 | FLANK |
| 2 | FLAP |
| 2 | FLAPS |
| 18 | FLASH |
| 1 | FLASHED |
| 1 | FLASHES |
| 4 | FLASHING |
| 1 | FLASHLIGHTS |
| 13 | FLAT |
| 2 | FLATTENED |
| 1 | FLATTENING |
| 1 | FLESH |
| 1 | FLEXIBLE |
| 1 | FLIP |
| 2 | FLIP-UP |
| 39 | FLAT |
| 2 | FLAT/RIBBON |
| 10 | FLOATING |
| 17 | FLOATS |
| 8 | FLOUR |
| 1 | FLOURS |
| 1 | FLOSS |

AD-A121 089

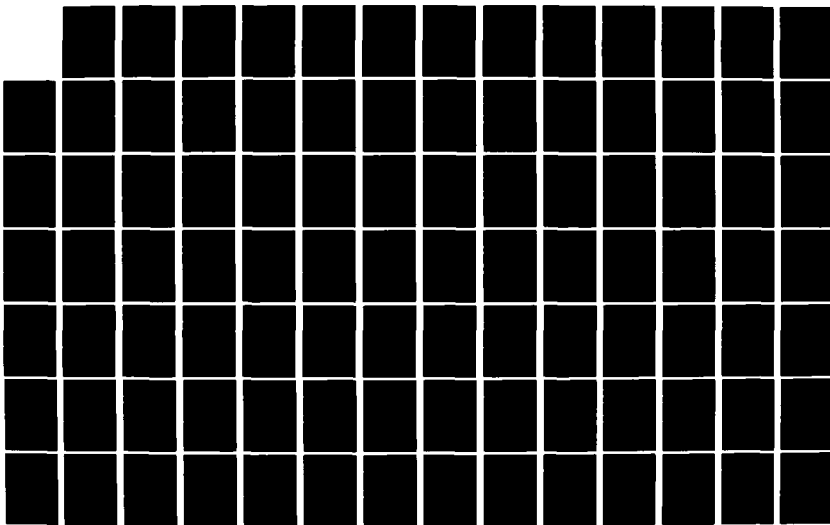
JOB LANGUAGE PERFORMANCE REQUIREMENTS FOR MOS 12C
BRIDGE SPECIALIST REFER. (U) DEFENSE LANGUAGE INST
LACKLAND AFB TX ENGLISH LANGUAGE CENTER. 08 DEC 77

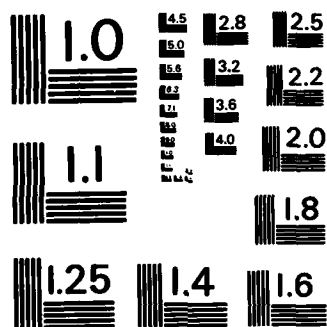
375

UNCLASSIFIED

F/G 5/9

NL





MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

| | |
|-----|------------|
| 1 | FLUTATION |
| 5 | FLW |
| 2 | FLWING |
| 2 | FLRE |
| 3 | FLUID |
| 1 | FLUIDS |
| 2 | FLIRE |
| 2 | FLIKED |
| 3 | FLISH |
| 1 | FLISHED |
| 1 | FLUSHING |
| 2 | FLV |
| 3 | FLYING |
| 641 | FM |
| 1 | FM5-1201/2 |
| 1 | FU |
| 2 | FUCUS |
| 1 | FUCUSING |
| 1 | FUIL |
| 1 | FUIL-LINED |
| 1 | FUILLAGE |
| 8 | FULU |
| 6 | FULVED |
| 2 | FULDING |
| 1 | FULDUCK |
| 2 | FULDS |
| 7 | FULIAGE |
| 27 | FULLIN |
| 11 | FULLMED |
| 6 | FULLNER |
| 63 | FULLNING |
| 19 | FULLONS |
| 6 | FURD |
| 32 | FURF |
| 2 | FURF-MELD |
| 1 | FURTING |
| 713 | FUR |
| 2 | FUR-- |
| 10 | FURCE |
| 1 | FURCEFULLY |
| 6 | FURCES |
| 2 | FURCTIBLY |
| 1 | FURCING |
| 1 | FURUS |
| 1 | FURE |

| | |
|----|-----------------|
| 15 | FUREARM |
| 2 | FUREFINGER |
| 4 | FUREHEAD |
| 21 | FUREIGN |
| 2 | FURK |
| 72 | FORM |
| 3 | FORMAL |
| 1 | FORMALLY |
| 1 | FURNACE |
| 1 | FURNATION |
| 1 | FURNATIONS |
| 2 | FURMED |
| 3 | FURMING |
| 6 | FURMS |
| 1 | FURY |
| 2 | FURTH |
| 5 | FURTIFICATIONS |
| 37 | FURTIFICATIONS |
| 1 | FURNARD |
| 1 | FURNARD-REVERSE |
| 1 | FURIGHT |
| 1 | FURIL |
| 2 | FURLED |
| 1 | FURLING |
| 17 | FURIND |
| 5 | FUNDATION |
| 45 | FURK |
| 1 | FURK-LEGGED |
| 1 | FURK-MAN |
| 3 | FURK-NEE |
| 4 | FURKTH |
| 1 | FUR |
| 1 | FUR-ER |
| 1 | FURWARD |
| 1 | FUY |
| 2 | FUXICLE |
| 1 | FUTRUT |
| 1 | FUF |
| 2 | FUF |
| 15 | FRACTURE |
| 7 | FRACTURED |
| 6 | FRACTURES |
| 6 | FRAG |
| 1 | FRAGMENT |
| 19 | FRAGMENTATION |
| 4 | FRAGMENTS |

| | |
|-----|-------------|
| 35 | FRAME |
| 7 | FRAMES |
| 12 | FRAPPING |
| 2 | FRAYED |
| 50 | FREE |
| 3 | FREEBOARD |
| 11 | FREEELY |
| 4 | FREIZING |
| 1 | FREQUENCIES |
| 5 | FREQUENCY |
| 1 | FREQUENT |
| 2 | FREQUENTLY |
| 2 | FRESH |
| 1 | FRESHLY |
| 1 | FRICTION |
| 2 | FRIEDBERG |
| 16 | FRIENDLY |
| 1 | FRIU |
| 398 | FRIH |
| 75 | FRONT |
| 3 | FRONT/REAR |
| 6 | FRONTAL |
| 8 | FRUSTBITE |
| 5 | FRUSTBITTEN |
| 2 | FRUZEN |
| 3 | FUEL |
| 22 | FUEL |
| 1 | FUELRUM |
| 20 | FULL |
| 1 | FULLEST |
| 16 | FULLY |
| 2 | FUPES |
| 4 | FUCTION |
| 1 | FUNCTIONAL |
| 5 | FUNCTIONING |
| 1 | FUNCTIONS |
| 1 | FURNACE |
| 1 | FURNISH |
| 2 | FURNISHED |
| 20 | FURTHER |
| 1 | FURTHERMORE |
| 94 | FUSE |
| 1 | FUSEROX |
| 2 | FUSED |
| 5 | FUTURE |

192

| | |
|----|----------------|
| 67 | FUZE |
| 1 | FUZED |
| 6 | FUZES |
| 4 | FUZING |
| 1 | FUZZY |
| 20 | G |
| 3 | G-AGENTS |
| 1 | G-TYPE |
| 2 | GAGE |
| 1 | GAGES |
| 4 | GAIN |
| 1 | GAINING |
| 1 | GALVANIZED |
| 23 | GALVANO-METER |
| 1 | GALVANO-METERS |
| 1 | GANGRENE |
| 3 | GAP |
| 2 | GAPS |
| 1 | GARBAGE |
| 1 | GARNISHING |
| 9 | GAS |
| 3 | GAS! |
| 1 | GAS-RESISTANT |
| 6 | GASKET |
| 1 | GASKETS |
| 2 | GASOLINE |
| 2 | GATE |
| 6 | GAUGE |
| 5 | GAUNTLETS |
| 1 | GEADY |
| 1 | GEANT |
| 8 | GEAR |
| 1 | GEARED |
| 1 | GEIDER |
| 4C | GENERAL |
| 1 | GENERAL |
| 3 | GENERALLY |
| 2 | GENERATE |
| 2 | GENERATOR |
| 1 | GENEROUS |
| 1 | GENTLE |
| 6 | GENTLY |
| 1 | GEOPHONIC |
| 1 | GERMANY |
| 1 | GERMS |

| | |
|---------------|----|
| GET | |
| GETS | |
| GETTING | 5 |
| GIANT | 1 |
| GIPPER | 9C |
| GIDDERS | 17 |
| GIRTH | 5 |
| GIVE | 29 |
| GIVEN | 69 |
| GIVES | 7 |
| GIVING | 3 |
| GLANCING-OFF | 1 |
| GLAKE | 1 |
| GLAKES--SHINY | 1 |
| GLASS | 3 |
| GLOBAL | 1 |
| GLOVE | 2 |
| GLOVES | 9 |
| GLIM | 2 |
| GU | 15 |
| GUAL | 2 |
| GOALS | 1 |
| GUFFS | 3 |
| GUGGLES | 3 |
| GUYING | 6 |
| GULF | 2 |
| GUP-E | 1 |
| GURD | 15 |
| GUTTERNGR | 1 |
| GPRJU | 7 |
| GRADE | 18 |
| GRAUES | 6 |
| GRACIALLY | 3 |
| GRAB. | 4 |
| GRAMS | 1 |
| GRAPHIC | 2 |
| GRAPPLING | 3 |
| GRASP | 17 |
| GRASPED | 1 |
| GRASPING | 3 |
| GRASS | 9 |
| GRAVEL | 2 |
| GRAVITY | 1 |
| GRAY | 4 |
| GRAZING | 3 |

| | |
|----|------------|
| 1 | GRC-160 |
| 9 | GREASE |
| 1 | GREASY |
| 7 | GREATER |
| 1 | GREATEST |
| 9 | GREEN |
| 53 | GRENADE |
| 1 | GRENADES |
| 48 | GRENADIES |
| 1 | GRENADINE |
| 1 | GRESSION |
| 19 | GRID |
| 1 | GRILLAGE |
| 1 | GRINE |
| 1 | GRIND |
| 2 | GRINDING |
| 8 | GRIP |
| 1 | GRIPPING |
| 2 | GRIPS |
| 2 | GRIT |
| 7 | GRUVE |
| 1 | GRUVED |
| 1 | GRUVES |
| 92 | GRUPO |
| 2 | GRUNDING |
| 38 | GRUP |
| 2 | GRUPED |
| 12 | GRUPS |
| 1 | GRUING |
| 2 | GRUTH |
| 1 | GTYPE |
| 16 | GUARD |
| 2 | GUARDS |
| 1 | GUIDANCE |
| 49 | GUIDE |
| 3 | GUIDELINES |
| 7 | GUISES |
| 1 | GUIDING |
| 9 | GUL |
| 3 | GUINEN |
| 1 | GUINERS |
| 1 | GUINALE |
| 1 | GUINAWLES |
| 1 | GUPE |
| 5 | GUY |

| | |
|-----|-----------------|
| 8 | GUYS |
| 10 | H |
| 3 | HAD |
| 1 | HATH |
| 20 | HALF |
| 2 | HALF-FLOATS |
| 1 | HALF-PONTON |
| 1 | HALF-PUNTONS |
| 1 | HALF-FLEAT |
| 2 | HALF-HAY |
| 4 | HALT |
| 3 | HALT |
| 1 | HALT-FLEATS |
| 6 | HAYNEK |
| 1 | HAYNEKS |
| 122 | HAYD |
| 2 | HAYD-GRENADE |
| 1 | HAYD-MELD |
| 4 | HAYD-NEUTRALIZE |
| 1 | HAYD-OPERATED |
| 5 | HAY-DRILL |
| 2 | HAY-DRINK |
| 2 | HAY-DRINK |
| 2 | HAY-DRINK |
| 107 | HAY-DRINK |
| 4 | HAY-DRINK |
| 10 | HAY-DRINK |
| 12 | HAY-DRINK |
| 1 | HAY-DRINK |
| 24 | HAY-DRINK |
| 7 | HAY-DRINK |
| 1 | HAY-DRINK |
| 5 | HAY-DRINK |
| 1 | HAY-DRINK |
| 4 | HAY-DRINK |
| 16 | HAY-DRINK |
| 1 | HAY-DRINK |
| 5 | HAY-DRINK |
| 1 | HAY-DRINK |
| 2 | HAY-DRINK |
| 1 | HAY-DRINK |
| 1 | HAY-DRINK |
| 16 | HAY-DRINK |
| 1 | HAY-DRINK |
| 4 | HAY-DRINK |

| | |
|-----|--------------|
| 2 | HARM |
| 2 | HARMFUL |
| 6 | HARNESS |
| 137 | HAS |
| 1 | HASA |
| 1 | HASTY |
| 4 | HATCH |
| 5 | HATCHES |
| 1 | HATCHET |
| 2 | HATL |
| 105 | HAVE |
| 11 | HAVING |
| 5 | HAZARD |
| 1 | HAZARDOUS |
| 8 | HAZARDUS |
| 1 | HAZY |
| 1 | HC |
| 47 | HE |
| 1 | HE/SHE |
| 1 | HETS |
| 106 | HEAD |
| 1 | HEAD-TILT |
| 6 | HEADACHE |
| 2 | HEADRAND |
| 2 | HEADED |
| 6 | HEADGEAR |
| 1 | HEADLESS |
| 1 | HEADLIGHTS |
| 1 | HEADQUARTERS |
| 1 | HEADS |
| 11 | HEADSET |
| 3 | HEADWAY |
| 4 | HEAD |
| 1 | HEADSET |
| 3 | HEAD |
| 10 | HEARD |
| 4 | HEARING |
| 1 | HEARING-- |
| 1 | HEARD |
| 15 | HEART |
| 4 | HEARTREAT |
| 15 | HEAT |
| 3 | HEATER |
| 3 | HEATSTROKE |
| 2 | HEAVIER |

| | |
|----------------|-----|
| HEAVILY | |
| HEAVY | |
| HEFU | 1 |
| HEFL | 4 |
| HEET | 1 |
| HEIGHT | |
| HELD | 25 |
| HELICAL | 2 |
| HELICOPTER | 1 |
| HELMET | 6 |
| HELMETS | |
| HELP | 33 |
| HELPING | 1 |
| HELPS | 2 |
| HEPE | 2 |
| HEPEBY | 1 |
| HEXING | 1 |
| HI | 2 |
| HIDDEN | 1 |
| HIDE | 1 |
| HIGH | 36 |
| HIGH-MIND | 1 |
| HIGHER | 39 |
| HIGHER-ECHELON | 1 |
| HIGHLY | 2 |
| HIGHWAY | 2 |
| HILLS | 1 |
| HILLTOP | 3 |
| HILLTOPS | 1 |
| HIP | 32 |
| HIP-SELF | 6 |
| HIPGE | 8 |
| HIPPED | 11 |
| HIS | 106 |
| HIT | 10 |
| HITCH | 24 |
| HITCHES | 4 |
| HITS | 4 |
| HU | 1 |
| HUTO | 1 |
| HUIST | 2 |
| HUISTS | 2 |
| HULD | 72 |
| HULDER | 1 |
| HOLDERS | 1 |

| | |
|----|---------------|
| 4 | MULFAST |
| 3 | MULFASTS |
| 22 | MULUS |
| 7 | MULUS |
| 63 | MULE |
| 40 | MULES |
| 1 | MULES/TEARS |
| 5 | MULICH |
| 1 | MULING |
| 1 | MUR-GENEUS |
| 1 | MURING |
| 16 | MURD |
| 40 | MURK |
| 8 | MURKED |
| 5 | MURKING |
| 19 | MURKS |
| 1 | MURKUP |
| 1 | MURP |
| 16 | MURIZUNTAL |
| 1 | MURIZUNTALLY |
| 8 | MURM |
| 9 | MURSE |
| 12 | MURSES |
| 1 | MURSPITALS |
| 4 | MURSTILE |
| 7 | MUT |
| 1 | MUTEL |
| 1 | MURK |
| 15 | MURRS |
| 1 | MURSED |
| 1 | MURSES |
| 5 | MURSING |
| 25 | MUR |
| 16 | MURSEVER |
| 2 | MUR |
| 1 | MUR |
| 8 | MULL |
| 1 | MULLS |
| 2 | MURAF |
| 2 | MURKED |
| 1 | HYDRAULIC |
| 31 | HYDRAULIC |
| 1 | HYDRAUGEN |
| 9 | HYGIENE |
| 2 | HYDROCHLORITE |

| | |
|-----|----------------|
| 1 | I-REAM |
| 2 | I-REAMS |
| 25 | IAN |
| 4 | ICE |
| 1 | ICEFIELD |
| 3 | ID |
| 1 | IDEA |
| 1 | IDENT |
| 2 | IDENTICAL |
| 1 | IDENTIFIABLE |
| 17 | IDENTIFICATION |
| 15 | IDENTIFIED |
| 1 | IDENTIFIERS |
| 1 | IDENTITIES |
| 49 | IDENTIFY |
| 3 | IDENTIFYING |
| 8 | IDLE |
| 1 | IDLE-NEUTRAL |
| 337 | IF |
| 1 | IGITE |
| 11 | IGITER |
| 1 | IGITES |
| 2 | IGITING |
| 2 | IGITION |
| 2 | IGITUR |
| 1 | IGITURS |
| 1 | IGUPED |
| 15 | II |
| 3 | III |
| 1 | ILACK |
| 4 | ILL |
| 1 | ILLUMINATE |
| 3 | ILLUSIKATE |
| 6 | ILLUSIKATED |
| 1 | ILLUSTRATIONS |
| 4 | IMAGINARY |
| 21 | IMEDIATE |
| 23 | IMEDIATELY |
| 1 | IMEDIATELY |
| 1 | IMPELUATE |
| 1 | IMPEPSE |
| 1 | IMPEPSED |
| 5 | IMPEPSON |
| 2 | IMPIRENT |

| | |
|-----|----------------|
| 1 | IMMURILIZATION |
| 7 | IMMURILIZE |
| 1 | IMMURILIZED |
| 2 | IMMURILIZING |
| 16 | IMPACT |
| 2 | IMPAIR |
| 1 | IMPLY |
| 1 | IMPOUNCE |
| 2 | IMPUITANCE |
| 7 | IMPUDENT |
| 2 | IMPOSSIBLE |
| 1 | IMPREGNATED |
| 2 | IMPROPER |
| 2 | IMPROPERLY |
| 2 | IMPROVE |
| 1 | IMPROVES |
| 4 | IMPROVISED |
| 1 | IMPULSE |
| 1 | IN |
| 1 | IN-PLACE |
| 1 | INABILITY |
| 1 | INACTIVE |
| 2 | INCAPACITATING |
| 2 | INCENDIARY |
| 30 | INCH |
| 125 | INCHES |
| 1 | INCLINE |
| 2 | INCLUSE |
| 8 | INCLUDE |
| 9 | INCLUDED |
| 7 | INCLUDES |
| 13 | INCLUDING |
| 1 | INCORPORATED |
| 1 | INCORRECT |
| 1 | INCORRECTLY |
| 14 | INCREASE |
| 5 | INCREASED |
| 1 | INCREASES |
| 5 | INCREASES |
| 2 | INCREASING |
| 1 | INCREMENTS |
| 1 | INCUBATION |
| 3 | INDEPENDENT |
| 5 | INDEX |
| 1 | INDEXED |

| | |
|----|---------------------|
| 2 | INDIA |
| 3 | INDICATE |
| 7 | INDICATED |
| 8 | INDICATES |
| 3 | INDICATING |
| 4 | INDICATION |
| 1 | INDICATIONS |
| 14 | INDICATOR |
| 1 | INFLUENCE |
| 2 | INDIRECT |
| 1 | INDIRECTLY |
| 1 | INDISTINCT |
| 1 | INDIVIDUAL |
| 1 | INDIVIDUALS |
| 1 | INDIVIDUALSKILL |
| 50 | INDIVIDUAL |
| 2 | INDIVIDUALS |
| 2 | INDIVIDUALLY |
| 13 | INDIVIDUALS |
| 1 | INDIVIDUAL |
| 1 | INDOCTRINATION |
| 1 | INDUCE |
| 2 | INFANT |
| 9 | INFANTRY |
| 1 | INFANTRYMEN |
| 1 | INFECTED |
| 3 | INFECTION |
| 1 | INFELICITABLE |
| 4 | INFILTRATE |
| 10 | INFLATED |
| 4 | INFLATING |
| 5 | INFLATION |
| 1 | INFLATION/DEFLATION |
| 1 | INFLATIONS |
| 1 | INFLUENCE |
| 1 | INFLUENCED |
| 3 | INFUPM |
| 2 | INFUSAL |
| 20 | INFUMATION |
| 3 | ING |
| 3 | INHALATION |
| 2 | INHALE |
| 4 | INITIALED |
| 1 | IMPERFECT |
| 1 | INSTALLED |

| | |
|----|-----------------|
| 13 | INITIAL |
| 1 | INITIALED |
| 6 | INITIATION |
| 1 | INITIATIVE |
| 2 | INJECT |
| 2 | INJECTION |
| 5 | INJECTOR |
| 1 | INJECTORS |
| 6 | INJUFE |
| 5 | INJURED |
| 23 | INJURIES |
| 1 | INJURING |
| 31 | INJURY |
| 1 | INLAND |
| 3 | INLET |
| 5 | INLET |
| 1 | INDICATES |
| 1 | INSECT |
| 1 | INSECTICIDES |
| 2 | INSECTS |
| 3 | INSECURE |
| 46 | INSECT |
| 14 | INSERTED |
| 5 | INSERTING |
| 25 | INSIDE |
| 1 | INSIGNIA |
| 78 | INSPECT |
| 5 | INSPECTED |
| 6 | INSPECTING |
| 13 | INSPECTION |
| 1 | INSTALL |
| 1 | INSTALLATION |
| 49 | INSTALL |
| 2 | INSTALL/OPERATE |
| 7 | INSTALLATION |
| 1 | INSTALLATION-- |
| 1 | INSTALLATIONS |
| 26 | INSTALLED |
| 1 | INSTANCE |
| 2 | INSTANCES |
| 6 | INSTEAD |
| 1 | INSTRUCTED |
| 2 | INSTRUCTION |
| 23 | INSTRUCTIONS |
| 7 | INSTRUMENT |

| | |
|-----|------------------|
| | INSTRUMENTS |
| 3 | INSULATE |
| 2 | INSULATED |
| 4 | INSULATING |
| | INSULATION |
| 66 | INSURE |
| 1 | INSURED |
| 1 | INSURES |
| 6 | INSURING |
| 1 | INT |
| | INT-EXT |
| 1 | INTACT |
| 3 | INTELLIGENCE |
| 5 | INTELLED |
| 9 | INTELLED |
| 1 | INTENDING |
| | INTENSE |
| 1 | INTENTION |
| 1 | INTERCEPTOR |
| 2 | INTERCEPTOR |
| 1 | INTERCHANGEABLE |
| 1 | INTERCHANGEABLY |
| | INTERCOM |
| 2 | INTERCOM |
| 1 | INTERCOM |
| 1 | INTEREST |
| 1 | INTERESTS |
| 3 | INTERFERE |
| | INTERFERENCE |
| 1 | INTERFER |
| 16 | INTERLOCKING |
| 3 | INTERLOCKING |
| 7 | INTERMEDIATE |
| 3 | INTERMEDIATE-EYE |
| | INTERNAL |
| 3 | INTERNAL |
| 1 | INTERPRETING |
| 1 | INTERPRETOR |
| 1 | INTERSECT |
| 1 | INTERSECTION |
| | INTERVALS |
| 6 | INTERESTS |
| 1 | INTHE |
| 1 | INTU |
| 106 | INTRENCHING |
| 6 | INTRENCHING |
| | INTRUDGES |
| 1 | INTRUDER |
| 4 | INTRUDITION |
| 1 | INTRUDITION |
| 2 | INTRUDERS |
| 2 | INVENTORY |

| | |
|----|---------------|
| 1 | INVESTIGATE |
| 1 | INVESTIGATING |
| 1 | INVISIBLE |
| 1 | INVOLUNTARY |
| 1 | INVOLVE |
| 2 | INVOLVED |
| 1 | INVOLVES |
| 1 | INVOLVING |
| 1 | INCLUDE |
| 1 | IN7-157 |
| 1 | IU |
| 2 | IODIE |
| 2 | IRON |
| 6 | IRREGULAR |
| 2 | IRITANT |
| 2 | IRITATING |
| 1 | IRITATION |
| 1 | IS |
| 1 | ISH |
| 1 | ISIT |
| 1 | ISOLATED |
| 1 | ISOSCELES |
| 7 | ISSUE |
| 19 | ISSUED |
| 1 | ISTER |
| 1 | ISHED |
| 1 | IT |
| 1 | ITEM |
| 16 | ITEMS |
| 54 | IIS |
| 3 | ITSELF |
| 1 | IV |
| 5 | J |
| 1 | J-TYPE |
| 61 | JACK |
| 1 | JACK-POST |
| 2 | JACKET |
| 1 | JACKETS |
| 3 | JACKING |
| 1 | JACKPUINT |
| 3 | JACKS |
| 1 | JAFES |
| 18 | JAN |
| 4 | JAN-LIFT |
| 1 | JANLIFT |

| | |
|----|-----------|
| 23 | JAYS |
| 1 | JER |
| 2 | JIGGLE |
| 20 | JUR |
| 1 | JUP-- |
| 2 | JURS |
| 4 | JUIN |
| 7 | JOINED |
| 3 | JOINING |
| 1 | JOINS |
| 0 | JOINT |
| 4 | JOINTS |
| 1 | JUDGE |
| 1 | JULIETT |
| 10 | JUR CTION |
| 1 | JURK |
| 10 | JUST |
| 1 | JUTTING |
| 4 | K |
| 1 | KAINER |
| 1 | KAL |
| 2 | KERGE |
| 1 | KFL- |
| 1 | KFN |
| 50 | KFP |
| 1 | KERPER |
| 9 | KEPPING |
| 4 | KEPMS |
| 1 | KELLY |
| 6 | KEFT |
| 9 | KEY |
| 1 | KEYHOLE |
| 1 | KEYPIN |
| 1 | KFER |
| 1 | KHZ |
| 3 | KILL |
| 1 | KILU |
| 1 | KILUHERTZ |
| 2 | KIPU |
| 1 | KIUS |
| 2 | KIK |
| 3 | KIKS |
| 29 | KIT |
| 3 | KITS |
| 1 | KMPH |

| | | |
|----|----------------|--|
| 5 | KNEE | |
| 3 | KNEEL | |
| 2 | KNELES | |
| 1 | KNIFE | |
| 1 | KNIFE-EDGE | |
| 1 | KNIVES | |
| 15 | KNOB | |
| 3 | KNOBS | |
| 1 | KNOCKED | |
| 30 | KNOT | |
| 10 | KNOTS | |
| 21 | KNOX | |
| 3 | KNOWLEDGE | |
| 17 | KNOXON | |
| 2 | KNOWLED | |
| 1 | KUREAN | |
| 2 | KPH | |
| 2 | KTC | |
| 10 | L | |
| 1 | LOCATION-GRID | |
| 1 | L-SHAPED | |
| 1 | LA | |
| 1 | LABEL | |
| 1 | LAPPELED | |
| 1 | LACE | |
| 1 | LACED | |
| 3 | LACING | |
| 2 | LACK | |
| 2 | LACKS | |
| 6 | LADDER | |
| 1 | LABELIMINATING | |
| 5 | LAD | |
| 1 | LAPES | |
| 16 | LAP | |
| 11 | LAD | |
| 2 | LAD/WATER | |
| 1 | LADDED | |
| 18 | LADJING | |
| 3 | LADJINES | |
| 2 | LAPES | |
| 7 | LADYARD | |
| 1 | LAR | |
| 25 | LARGE | |
| 1 | LARGE-SCALE | |
| 2 | LARGELY | |

7 LARGER
1 LARGEST
2 LASH
21 LASHING
8 LASHINGS

12 LAST
30 LATCH
2 LATCHED
18 LATCHES
3 LATER

1 LATERAL
2 LATERALLY
3 LATRINE
1 LATRINES
1 LATTEK

36 LAUNCH
4 LAUNCHED
16 LAUNCHER
1 LAUNCHERS
1 LAUNCHES

44 LAUNCHING
1 LAUNDERED
24 LA
1 LA'S
16 LAY

4 LAYER
1 LAYERS
3 LAYING
1 LAYOUT
4 L'S

5 LBE
1 LC
33 LEAD
2 LEADER
1 LEADERS

3 LEADERS
7 LEADERSHIP
1 LEADING
5 LEADS
7 LEAF

1 LEAK
6 LEAKAGE
4 LEAKING
29 LEAKS
2 LEAN

| | |
|-----|-----------------|
| 1 | LEAP |
| 9 | LEARN |
| 4 | LEARNED |
| 4 | LEARNING |
| 26 | LEAST |
| 5 | LEATHER |
| 13 | LEAVE |
| 8 | LEAVING |
| 1 | LEG |
| 4 | LEE |
| 48 | LEFT |
| 4 | LEFT-HAND |
| 1 | LEFT-HANDED |
| 1 | LEFT-OVER-RIGHT |
| 9 | LEG |
| 2 | LEGIBLE |
| 15 | LEGS |
| 1 | LEID |
| 1 | LEIGE |
| 42 | LENGTH |
| 3 | LENGTHS |
| 12 | LESS |
| 2 | LESSEN |
| 24 | LESSON |
| 2 | LESSONS |
| 8 | LET |
| 1 | LET'S |
| 1 | LETALITY |
| 5 | LETS |
| 1 | LETTER |
| 4 | LETTERS |
| 124 | LEVEL |
| 1 | LEVELDUCTED |
| 4 | LEVELLING |
| 13 | LEVELS |
| 73 | LEVER |
| 1 | LEVERAGE |
| 8 | LEVELS |
| 1 | LIPHARIES |
| 4 | LIF |
| 1 | LIPS |
| 10 | LIFE |
| 8 | LIFE-SAVING |
| 1 | LIFETIME |
| 29 | LIFT |

LISTED
LIFTING
LIFTING-WOOD
LIGHT
LIGHTER

6
42
1
22
5

LIGHTING
LIGHTLY
LIGHTS
LIKE
LIKELY

1
8
10
11
6

LILA
LILA
LIBBS
LIMITED
LIMITING

1
1
1
2
5

LIMITS
LILE
LINEAR
LINED
LIER

3
BC
2
1
1

LIPERS
LIPES
LIPK
LIPKED
LIPKS

1
28
6
4
2

LIPSEED
LIP-T-FREE
LIP
LIPS
LIQUID

1
1
1
10
7

LIQUIDS
LIST
LISTED
LISTEN
LISTENING

13
17
5
2

LISTING
LISTIS
LITTER
LITTLE
LITON

3
4
11
6
1

LIVE
LIVE
LNU
LNU
LNU

3
1
1
5
42

| | |
|----|----------------|
| 1 | LUAD-BEARIN |
| 4 | LUAD-BEARING |
| 1 | LUAD/UNLCAD |
| 1 | LUADPEARING |
| 9 | LUADU |
| 1 | LUADER |
| 9 | LUADING |
| 4 | LUADS |
| 1 | LUDES |
| 6 | LUCL |
| 1 | LUCLLY |
| 20 | LOCATE |
| 25 | LOCATED |
| 3 | LOCATING |
| 32 | LOCATION |
| 6 | LOCATIONS |
| 31 | LUCK |
| 10 | LUCKED |
| 23 | LUCKING |
| 1 | LUCKOUT |
| 2 | LUCKOUT |
| 1 | LUCKOUTS |
| 3 | LUCKPIN |
| 33 | LUCKS |
| 1 | LUCKED |
| 1 | LUCKING |
| 7 | LUCK |
| 7 | LUCKBOOK |
| 1 | LUCKICAL |
| 1 | LUCKISTICAL |
| 8 | LUCKS |
| 1 | LUCK |
| 64 | LUCK |
| 1 | LUCK-TERM |
| 2 | LUCKER |
| 4 | LUCKTUODINAL |
| 1 | LUCKTUODINALLY |
| 1 | LUCK |
| 14 | LUCK |
| 3 | LUCKING |
| 5 | LUCKS |
| 14 | LUCKP |
| 2 | LUCKPS |
| 39 | LUCKSE |
| 1 | LUCKSE-BITS |

| | |
|----|-------------|
| 2 | LUPSELY |
| 11 | LUPSEN |
| 1 | LUPSENNESS |
| 9 | LUPSENING |
| 2 | LUS |
| 1 | LOSE |
| 1 | LOSES |
| 7 | LUSS |
| 2 | LUST |
| 2 | LUT |
| 1 | LUTH |
| 5 | LULD |
| 1 | LUPOLY |
| 15 | LUP |
| 1 | LUP-FLYING |
| 1 | LUP-LEVEL |
| 73 | LUPER |
| 4 | LUPEREC |
| 2 | LUKEPING |
| 1 | LUPERS |
| 1 | LUPEST |
| 4 | LSA |
| 2 | LT |
| 5 | LTF |
| 2 | LURE |
| 4 | LURNICANT |
| 1 | LURNICANTS |
| 11 | LURNICATE |
| 2 | LURNICATED |
| 1 | LURNICATING |
| 10 | LUPNICATION |
| 1 | LUCKI |
| 14 | LUC |
| 22 | LUCS |
| 2 | LUPER |
| 2 | LUPIDUS |
| 1 | LUPC |
| 10 | LUGS |
| 7 | LYING |
| 1 | LYZED |
| 1 | LUC-METER |
| 1 | L700 |
| 2 | H |
| 1 | M-23 |
| 15 | MAE |

01 MANIPULATIVE

05 PAINMADE

12 PAINFULIN

2 PAINNER

2 PAINING

08 MANUAL

2 MANUALLY

14 MANUALS

1 MANUEVER

1 MANUFACTURE

2 MANUFACTURER

1 MANUFACTURERS

6 MARY

02 MAP

1 MAP-TERRAIN

1 MARS

2 MARQUINAL

24 MATHE

23 PARK

5 PARKED

1 PARKKELY

4 PARKER

9 PARKERS

3 PARKING

6 PARKINGS

10 PARKS

1 PARKSHAN-----

5 PARKSHANSHIP

1 PARKSUGS

1 PARKYLAND

1 MASCLINE

58 MASK

1 MASK!

2 MASKED

2 MASKING

3 MASKS

3 PASS

10 PASSAGE

1 PASSAGES

6 PASTER

2 MASTERED

1 MASTERING

1 MASTERS

7 MATCH

4 MATCHING

| | |
|-----|--------------|
| 4 | MATE |
| 2 | MATED |
| 1 | MATELY |
| 24 | MATERIAL |
| 18 | MATERIALS |
| 1 | MATRIAL |
| 1 | MATS |
| 10 | MATTER |
| 2 | MATTHES |
| 1 | PAUL |
| 1 | MAINITIS |
| 6 | MAXIMUM |
| 108 | PAY |
| 1 | MBP |
| 2 | MD-M |
| 2 | ME |
| 1 | MEAL |
| 3 | MEAN |
| 2 | MEANING |
| 1 | MEANINGS |
| 15 | MEANS |
| 1 | MEANTIME |
| 1 | MEANWHILE |
| 11 | MEASURE |
| 2 | MEASURED |
| 1 | MEASUREMEN |
| 105 | MEASURES |
| 4 | MEASURING |
| 9 | MECHANICAL |
| 1 | MECHANICALLY |
| 11 | MECHANISM |
| 2 | MECHANIZED |
| 1 | METIC--EMB |
| 15 | MEDICAL |
| 1 | MEDICALLY |
| 1 | MEDICATION |
| 12 | MEDIUM |
| 8 | MEET |
| 1 | MEGAPERTZ |
| 10 | MEIBEN |
| 4 | MEIGERS |
| 2 | MEIURIZE |
| 28 | MEI |
| 1 | MENT |
| 3 | MENTAL |

| | |
|-----|-----------------|
| 1 | MERGING |
| 0 | MESS |
| 1 | MESSAGE |
| 4 | MESSAGES |
| 1 | MESSENGER |
| 1 | MESSAGE |
| 37 | METAL |
| 1 | METAL-TO-METAL |
| 22 | METALLIC |
| 7 | METER |
| 51 | PETEPS |
| 1 | PETERSAND |
| 49 | PETHUD |
| 9 | PETHUDS |
| 4 | PWF |
| 1 | MHZ |
| 1 | MICROORGANISMS |
| 3 | MID |
| 1 | MIDAIR |
| 3 | MIDDLE |
| 1 | MIDSHIP |
| 9 | MIGHT |
| 2 | MINE |
| 1 | MIL |
| 3 | MILU |
| 2 | MILDEM |
| 1 | MILES/HOURS |
| 1 | MILISKILL |
| 25 | MILITARY |
| 1 | MILPERCEN |
| 3 | MILS |
| 2 | MILU |
| 178 | PIPE |
| 1 | PIPE-INDICATING |
| 10 | PIPE/CEMENTMINE |
| 1 | MINED |
| 3 | MINEFIELD |
| 54 | MINES |
| 3 | MIMIMIZE |
| 1 | MIMIPIZES |
| 34 | MIRIPUM |
| 8 | MIRUP |
| 13 | MINUTE |
| 36 | MINUTES |
| 2 | MINUTES* |

| | |
|----|------------------|
| 1 | MINUTES-- |
| 3 | MISFIRE |
| 1 | MISHAPES |
| 16 | MISSING |
| 14 | MISSION |
| 1 | MISSIONED |
| 2 | MISSIONS |
| 1 | MISSOLDIEM'S |
| 2 | MIST |
| 1 | MISUNDERSTANDING |
| 1 | MINTES |
| 1 | MIX |
| 4 | MIXTURE |
| 1 | FKL |
| 1 | PKLUF/A2 |
| 1 | MKI |
| 3 | FK3A2 |
| 14 | ML |
| 2 | MLAL |
| 35 | ML6AL |
| 1 | ML6A1 |
| 3 | ML7AL |
| 8 | ML9AL |
| 12 | MURILE |
| 1 | MUCKUP |
| 3 | MUNE |
| 12 | MURTEL |
| 3 | MURFELS |
| 2 | MURTEPATE |
| 1 | MURPEN |
| 1 | MURIFICATION |
| 1 | MURIFICATIONS |
| 1 | MURIFIED |
| 1 | MURIFY |
| 2 | MURJLAR |
| 8 | MURULE |
| 3 | MURULES |
| 6 | MURST |
| 1 | MURSTEN |
| 4 | MURSTURE |
| 1 | MURDED |
| 1 | MURPLETARILY |
| 1 | MURPLETARY |
| 1 | MURPLETUM |
| 1 | MURPLETUM |
| 1 | MURPLETUMS |

| | |
|----|-----------------|
| 4 | MURTHLY |
| 2 | MURTHS |
| 1 | MURKED |
| 2 | MURKING |
| 69 | MURK |
| 2 | MURTAR |
| 28 | MUS |
| 19 | MUST |
| 1 | MUTED |
| 7 | MOTION |
| 2 | MOTIONS |
| 1 | MOTIVATION |
| 46 | MUTUR |
| 9 | MUTURS |
| 3 | MUTURD |
| 1 | MURKES |
| 7 | MURKENT |
| 1 | MURKENTAINS |
| 6 | MURKED |
| 11 | MURKING |
| 9 | MURKINGS |
| 28 | MURKIP |
| 11 | MURKIP-TU-MOUTH |
| 2 | MURKIP-TU-MUSE |
| 1 | MURKIP-TOMOUTH |
| 6 | MURKPIECE |
| 1 | MURKABLE |
| 49 | MURK |
| 2 | MURKED |
| 19 | MURKENT |
| 6 | MURKES |
| 37 | MURKING |
| 3 | MURKIP |
| 1 | MURK |
| 1 | MURK |
| 1 | MURK |
| 1 | MT-LO29/VRC |
| 7 | MURK |
| 2 | MURKUS |
| 1 | MURKUS |
| 11 | MURK |
| 2 | MURKPACK |
| 7 | MURKIPLE |
| 1 | MURKIPLE-LENGTH |
| 1 | MURKIPLES |
| 1 | MURKITION |

| | |
|-----|------------|
| 2 | MUSCLE |
| 1 | MUSCLES |
| 136 | MUST |
| 2 | MUSTARD |
| 2 | MUSTARDS |
| 4 | MUZZLE |
| 10 | PV |
| 1 | H1 |
| 1 | H1A4 |
| 1 | H113 |
| 1 | H118 |
| 3 | H120 |
| 3 | H122 |
| 15 | F13 |
| 7 | M15 |
| 3 | M16 |
| 1 | M16-LENGTH |
| 11 | M16A1 |
| 4 | M17 |
| 1 | M17A1 |
| 4 | M13 |
| 1 | M13A1 |
| 1 | M13B |
| 1 | P190 |
| 16 | M2 |
| 2 | M20 |
| 5 | P203 |
| 6 | M21 |
| 2 | M217 |
| 4 | M25 |
| 3 | M258 |
| 6 | M26 |
| 4 | P26A1 |
| 9 | P3 |
| 1 | P32 |
| 5 | M33 |
| 5 | M34 |
| 1 | M4 |
| 9 | M4T6 |
| 2 | M5 |
| 8 | M51 |
| 3 | M56 |
| 5 | M57 |
| 4 | M59 |
| 2 | M6 |

| | |
|-----|------------|
| 1 | M0A1 |
| 132 | M0R |
| 5 | M0R3 |
| 3 | M0R5 |
| 8 | M0C7 |
| 4 | M07 |
| 3 | M0R |
| 1 | M7 |
| 1 | M7AL |
| 1 | M7A1 |
| 1 | M7A2 |
| 2 | M72 |
| 2 | M72ALEL |
| 2 | M72A1 |
| 12 | M72A2 |
| 1 | M73 |
| 1 | M76 |
| 1 | M8 |
| 4 | M812 |
| 5 | M |
| 4 | MAIL |
| 4 | MAILS |
| 1 | MAIL |
| 1 | MALFUM |
| 1 | NASAL |
| 1 | NATIONAL |
| 3 | NATU |
| 15 | NATURAL |
| 1 | NATURALLY |
| 3 | NATURE |
| 3 | NATSEA |
| 2 | NATSEATED |
| 7 | NATIGATE |
| 2 | NATIGATED |
| 5 | NATIGATION |
| 1 | NAVY |
| 1 | NAZI |
| 16 | NBC |
| 1 | NLE |
| 1 | NLP |
| 2 | NLIC |
| 3 | NLCS |
| 2 | NL |
| 28 | NLEAR |
| 4 | NLEARY |

| | |
|----|-----------------|
| 5 | NEAREST |
| 1 | NEAT |
| 3 | NEATLY |
| 1 | NECESSARILY |
| 43 | NECESSARY |
| 1 | NECESSITATE |
| 26 | NECK |
| 1 | NECKS |
| 3 | NEE |
| 10 | NEED |
| 11 | NEEDED |
| 10 | NEEDLE |
| 12 | NEEDS |
| 1 | NEGATIVE |
| 1 | NEIGH |
| 1 | NEOPRENE-COATED |
| 12 | NERVE |
| 1 | NESTED |
| 2 | NET |
| 2 | NETS |
| 13 | NEUTRAL |
| 1 | NEUTRAL-IDLE |
| 1 | NEUTRALIZATION |
| 5 | NEUTRALIZE |
| 1 | NEUTRALIZED |
| 27 | NEVER |
| 12 | NEW |
| 1 | NEWLY |
| 1 | NEWPORT |
| 1 | NEWS |
| 1 | NEWSPAPER |
| 20 | NEXT |
| 1 | NFS |
| 1 | NICKED |
| 9 | NIGHT |
| 1 | NIP |
| 3 | NITE |
| 2 | NITRATE |
| 1 | NITROGEN |
| 68 | NU |
| 11 | NUISE |
| 1 | PULSES |
| 1 | NUISY |
| 1 | NUMERICALTURE |
| 1 | NUM-ARTERIAL |

| | |
|-----|-----------------------|
| 2 | NON-ELECTRIC |
| 1 | NON-ELECTRICALLY |
| 1 | NON-METALLIC |
| 1 | NON-THROWING |
| 3 | NON-TRANSMITTED |
| 1 | NON-CONQUALIFICATIONS |
| 3 | NON-E |
| 1 | NON-ELECTRIC |
| 33 | NON-ELECTRIC |
| 1 | NON-ELECTRICAL |
| 2 | NON-ELECTRICALLY |
| 2 | NON-HOMOGENEOUS |
| 1 | NON-MAGNETIC |
| 5 | NON-METALLIC |
| 1 | NON-METALOUS |
| 1 | NON-MUSTING |
| 3 | NON-SOLID |
| 3 | NON-SPARKING |
| 1 | NON |
| 28 | NORMAL |
| 27 | NON-PHALLY |
| 1 | NON-RANDY |
| 1 | NUSSIS |
| 93 | NUSE |
| 1 | NUSECUP |
| 1 | NUSES |
| 1 | NUST |
| 3 | NUSTAILS |
| 331 | NUST |
| 6 | NUSTM |
| 4 | NUSTCHED |
| 90 | NUST |
| 16 | NUSTED |
| 1 | NUSTMING |
| 6 | NUSTICE |
| 1 | NUSTICEABLY |
| 2 | NUSTICED |
| 5 | NUSTIFY |
| 1 | NUSTING |
| 1 | NUSTNUMBER |
| 13 | NUV |
| 1 | NUZZLE |
| 1 | NUREP |
| 31 | NUCLEAR |
| 5 | NULL |

| | |
|-----|--------------|
| 1 | NUMA |
| 2 | NUMB |
| 1 | NUMBER |
| 135 | NUMBER |
| 2 | NUMBERED |
| 6 | NUMBERS |
| 1 | NUMBERS |
| 6 | NUMERAL |
| 1 | NUMERALS |
| 3 | NUMERICAL |
| 1 | NUMEROUS |
| 9 | NUT |
| 5 | NUTS |
| 2 | NYLON |
| 930 | O |
| 1 | OA-JA33/GRC |
| 2 | OA-JA33A/GRC |
| 1 | OEY |
| 33 | OBJECT |
| 5 | OBJECTIVE |
| 1 | OBJECTIVES |
| 27 | OBJECTS |
| 2 | OBITUARY |
| 8 | OBSERVATION |
| 9 | OBSERVE |
| 5 | OBSERVED |
| 1 | OBSERVER |
| 1 | OBSERVERS |
| 4 | OBSERVING |
| 9 | OBSACLE |
| 1 | OBSTRUCT |
| 3 | OBSTRUCTION |
| 2 | OBSTRUCTIONS |
| 1 | OBSTRUCTS |
| 15 | OBTAIN |
| 11 | OBTAINED |
| 2 | OBTAINING |
| 1 | OBVIOUS |
| 1 | OCCASIONALLY |
| 2 | OCCUPANT |
| 3 | OCCUPATIONAL |
| 1 | OCCUPY |
| 2 | OCCUPYING |
| 16 | OCCUR |
| 1 | OCCURRED |

[illegible]

| | |
|-----|-----------------------|
| 46 | OPEN |
| 7 | OPENED |
| 7 | OPENING |
| 2 | OPEN'S |
| 32 | OPERATE |
| 6 | OPERATED |
| 8 | OPERATES |
| 52 | OPERATING |
| 70 | OPERATION |
| 1 | OPERATION/MAINTENANCE |
| 7 | OPERATIONAL |
| 55 | OPERATIONS |
| 1 | OPERATIVE |
| 74 | OPERATCH |
| 1 | OPERATCH/CREW |
| 2 | OPERATCH |
| 23 | OPERATORS |
| 8 | OPERATORS |
| 1 | OPER2 |
| 1 | OPINION |
| 2 | OPPORTUNITIES |
| 1 | OPPORTUNITY |
| 1 | OPPOSED |
| 14 | OPPOSITE |
| 1 | OPTHAT |
| 1 | OPTHE |
| 1 | OPTIONAL |
| 1 | OPTIONS |
| 767 | OK |
| 1 | OK-250 |
| 2 | OKAL |
| 1 | OKCHARDS |
| 30 | OKCEP |
| 15 | OKDEFS |
| 1 | OKDINARILY |
| 2 | OKEGON |
| 31 | OKGNIZATIONAL |
| 1 | OKGNIZATIONS |
| 2 | OKGNIZED |
| 1 | OKGNIZING |
| 2 | OKGANS |
| 5 | OKIENT |
| 1 | OKIENTATION |
| 4 | OKIENTED |
| 6 | OKIGNAL |

| | |
|-----|---------------|
| 1 | ORIGINALS |
| 01 | OSCAR |
| 2 | OSS |
| 1 | OSIBLE |
| 1 | OSUT |
| 1 | OTHE |
| 180 | OTIER |
| 11 | OTIEPS |
| 8 | OTIERNISE |
| 5 | CUR |
| 82 | CUT |
| 25 | CUTCARD |
| 6 | CUTEP |
| 3 | CUTENGARMENTS |
| 6 | CUTLET |
| 1 | CUTLETS |
| 2 | CUTLINE |
| 33 | CUTLINED |
| 3 | CUTLINES |
| 1 | CUTLINING |
| 1 | CUTPUT |
| 6 | CUTPUTS |
| 1 | CUTRIGGER |
| 1 | CUTSERTS |
| 21 | CUTSIDE |
| 2 | CUTWARD |
| 6 | CVE |
| 104 | CVER |
| 5 | CVERALL |
| 1 | CVERCUME |
| 2 | CVEREXPOSURE |
| 1 | CVEREXTENDING |
| 1 | CVERFMAG |
| 1 | CVERGARMENTS |
| 3 | CVERHAND |
| 2 | CVERHANCED |
| 2 | CVERKING |
| 14 | CVERHEAD |
| 1 | CVERHEAR |
| 1 | CVERHEAT |
| 1 | CVERINFLATE |
| 2 | CVERKLAP |
| 1 | CVERKLAPPING |
| 1 | CVERLAYS |

| | |
|-----|---------------|
| 2 | OVERLOAD |
| 3 | ON ALUADING |
| 1 | OVERPRESSURES |
| 1 | OVERTURN |
| 3 | OVERTURNING |
| 1 | OVERWATCH |
| 9 | OWI |
| 1 | OWN-BUILDING |
| 1 | PAIME |
| 3 | PAYGEN |
| 3 | P |
| 8 | PAGE |
| 1 | PAGED |
| 3 | PAGA |
| 2 | PACKAGE |
| 1 | PACKAGES |
| 1 | PACKAGING |
| 3 | PACKED |
| 3 | PACKET |
| 6 | PACKING |
| 8 | PAC |
| 4 | PANDING |
| 1 | PADULE |
| 1 | PADJILERS |
| 4 | PADULES |
| 4 | PADULING |
| 1 | PADY |
| 12 | PAGE |
| 2 | PAGES |
| 2 | PAL |
| 2 | PAIL |
| 6 | PAIN |
| 5 | PAINFUL |
| 16 | PAINT |
| 1 | PAINTED |
| 6 | PAIR |
| 3 | PAIRS |
| 1 | PALE |
| 6 | PALM |
| 1 | PALMS |
| 125 | PAVEL |
| 42 | PAVELS |
| 1 | PAPA |
| 21 | PAPER |
| 2 | PAPERS |

| | |
|----|-----------------|
| 8 | PARA |
| 13 | PARAGRAPH |
| 1 | PARALLEL |
| 2 | PARALLELING |
| | PARALYSIS |
| 7 | PAPAPET |
| 1 | PARASITES |
| 1 | PAGE |
| 1 | PAIED |
| 6 | PAEK |
| 1 | PAPED |
| 1 | PARKING |
| 1 | PARS |
| 61 | PACT |
| 1 | PARTIAL |
| 6 | PARTIALLY |
| 1 | PARTICIPATED |
| 3 | PARTICLES |
| 9 | PARTICULAR |
| 5 | PARTICULARLY |
| 1 | PARTICUS |
| 1 | PARTITION |
| 91 | PARTS |
| 1 | PASA |
| 19 | PASS |
| 4 | PASSAGE |
| 7 | PASSAGES |
| 11 | PASSED |
| 1 | PASSES |
| 7 | PASSING |
| 10 | PASSNURD |
| 1 | PASTE |
| 12 | PATCH |
| 1 | PATCHED |
| 3 | PATCHES |
| 5 | PATH |
| 1 | PATHS |
| 2 | PATIENT |
| 2 | PATROL |
| 9 | PATROLLING |
| 1 | PATROLLING2-110 |
| 4 | PATTERN |
| 5 | PATTERNS |
| 2 | PAUSE |
| 1 | PAUL |

| | | |
|----|----------------------|--|
| 19 | PAY | |
| 2 | PAYING | |
| 1 | PEBBLES | |
| 1 | PECTED | |
| 15 | PEDAL | |
| 7 | PEDESTAL | |
| 2 | PEDESTALS | |
| 4 | PEEPSIGHT | |
| 3 | PEICIL | |
| 1 | PEICIL/PEN | |
| 2 | PENETRATE | |
| 1 | PEOPLE | |
| 16 | PER | |
| 4 | PERCENT | |
| 1 | PERCENTAGE | |
| 1 | PERFECT | |
| 2 | PERFECTLY | |
| 4 | PERFORMANCE | |
| 68 | PERFORM | |
| 1 | PERFORMANCE | |
| 1 | PERFORMANCE | |
| 12 | PERFORMANCE-ORIENTED | |
| 1 | PERFORMANCES | |
| 21 | PERFORMED | |
| 7 | PERFORMING | |
| 1 | PERFORMS | |
| 1 | PERFORMCP | |
| 12 | PERIOD | |
| 4 | PERIODICALLY | |
| 5 | PERIOUS | |
| 1 | PERIPHERY | |
| 2 | PERMANENT | |
| 4 | PERMISSION | |
| 16 | PERMIT | |
| 7 | PERMITS | |
| 1 | PERMITTING | |
| 3 | PERPENDICULAR | |
| 1 | PEPSIST | |
| 16 | PERSON | |
| 11 | PERSONAL | |
| 72 | PERSONNEL | |
| 1 | PERSONNEL/EQUIPMENT | |
| 9 | PERSONS | |
| 5 | PERTAING | |

| | |
|-----|--------------|
| 2 | PHASE |
| 6 | PHYSING |
| 1 | PHITING |
| 2 | PHNETIC |
| 2 | PHNETICALLY |
| 1 | PHOSGENE |
| 3 | PHOTOGRAPH |
| 1 | PHOTIS |
| 17 | PHYSICAL |
| 1 | PHYSICALLY |
| 1 | PIACING |
| 8 | PICK |
| 1 | PICK-MATTOCK |
| 5 | PICKFU |
| 15 | PICKET |
| 20 | PICKETS |
| 1 | PICKING |
| 6 | PICTURE |
| 1 | PICTURED |
| 19 | PIECE |
| 6 | PIECES |
| 1 | PICK |
| 1 | PINCING |
| 2 | PIGTAIL |
| 5 | PILUT |
| 180 | PII |
| 1 | PII-POINTING |
| 1 | PII/CLIP |
| 7 | PICH |
| 2 | PICHBAR |
| 1 | PICHBARS |
| 1 | PICHED |
| 5 | PICHLE |
| 5 | PICHLES |
| 1 | PICK |
| 22 | PINEDU |
| 10 | PINING |
| 2 | PINPOINTING |
| 60 | PIS |
| 1 | PITILES |
| 5 | PINEER |
| 3 | PIPE |
| 4 | PISTOL |
| 1 | PISTOLS |
| 2 | PISTON |

| | |
|-----|-----------|
| 1 | PIT |
| 2 | PITCH |
| 2 | PITS |
| 19 | PIVOT |
| 1 | PIVOTING |
| 1 | PIVOTS |
| 155 | PLACE |
| 56 | PLACED |
| 6 | PLACEMENT |
| 1 | PLACED |
| 4 | PLACES |
| 20 | PLACING |
| 1 | PLAGUE |
| 14 | PLAIN |
| 2 | PLAN |
| 2 | PLANE |
| 1 | PLANKS |
| 1 | PLANKED |
| 1 | PLANNING |
| 1 | PLANS |
| 2 | PLANT |
| 1 | PLANTS |
| 14 | PLASTIC |
| 29 | PLATE |
| 12 | PLATES |
| 1 | PLATFORM |
| 2 | PLATUN |
| 1 | PLC |
| 5 | PLIERS |
| 1 | PLINT |
| 1 | PLOTTED |
| 1 | PLUTTING |
| 1 | PLW |
| 1 | PLAYED |
| 48 | PLUG |
| 1 | PLUG-IN |
| 3 | PLUGS |
| 1 | PLUMBERS |
| 7 | PLUNGER |
| 2 | PLUS |
| 20 | PNEUMATIC |
| 6 | PUCKET |
| 6 | PUCKETS |
| 52 | PUINT |
| 17 | PRINTED |

| | |
|----|------------------|
| 19 | PROTECTION |
| 51 | PROTECTIVE |
| 1 | PROTECTORS |
| 2 | PROTECTS |
| 1 | PULLEY |
| 1 | PUNCTRATOR |
| 1 | PUNCTRUDE |
| 1 | PUNCTRUDES |
| 5 | PUNCTRUDDING |
| 1 | PNCUE |
| 1 | PRIVE |
| 1 | PRIVED |
| 1 | PRIVEN |
| 24 | PRIVUE |
| 17 | PRVIDED |
| 7 | PRVIVES |
| 1 | PRVIVIDING |
| 1 | PRVIVISIONS |
| 2 | PRVWLKD |
| 2 | PRVWENDS |
| 1 | PRVINE |
| 2 | PRVILG |
| 13 | PSI |
| 7 | PTC |
| 1 | PT76 |
| 1 | PULICATION |
| 5 | PULICATIONS |
| 2 | PULISHED |
| 88 | PULL |
| 2 | PULL-RELEASE |
| 1 | PULL-TYPE |
| 1 | PULLCURD |
| 10 | PULFU |
| 1 | PULFULUBRICATING |
| 3 | PULLEY |
| 2 | PULLEYS |
| 15 | PULLING |
| 5 | PULSE |
| 1 | PULSE--BELOW |
| 18 | PULP |
| 1 | PUMPED |
| 1 | PUMPER |
| 1 | PUMPING |
| 14 | PUMPS |
| 2 | PUNCH |

| | |
|----|------------------|
| 53 | PUNING |
| 1 | PUNING |
| 8 | PUNISH |
| 35 | PUNISH |
| 1 | PUNISHMENTS |
| 1 | PUNISHED |
| 1 | PUNISHING |
| 1 | PUNISHMENT |
| 10 | PRACTICE |
| 2 | PRACTICED |
| 1 | PNC |
| 3 | PNC-ADDRESSED |
| 2 | PNC-CAUTION |
| 6 | PNC-CAUTIONS |
| 1 | PNC-CEUED |
| 2 | PNC-CEDES |
| 1 | PNC-CEUING |
| 1 | PNC-CLUDES |
| 1 | PNC-DESIGNATED |
| 1 | PNC-DETERMINED |
| 2 | PNC-DOMINANT |
| 1 | PNC-FABRICATED |
| 1 | PNC-FER |
| 2 | PNC-FERABLE |
| 3 | PNC-FERRED |
| 1 | PNC-FINE |
| 1 | PNC-FINING |
| 1 | PNC-FITTED |
| 1 | PNC-FIMINARY |
| 1 | PNC-FINE |
| 5 | PNC-FINE |
| 7 | PNC-FINE |
| 36 | PNC-FINE |
| 2 | PNC-FINE/OPERATE |
| 20 | PNC-FINE |
| 3 | PNC-FINE |
| 2 | PNC-FINE |
| 7 | PNC-FINE |
| 1 | PNC-FINE |
| 1 | PNC-FINE |
| 28 | PNC-FINE |
| 3 | PNC-FINE |
| 1 | PNC-FINE |
| 1 | PNC-FINE |
| 1 | PNC-FINE |

| | |
|----|------------------|
| 1 | PRCCTHE |
| 1 | PRCCURE |
| 6 | PRCCUCE |
| 2 | PRCDUCES |
| 2 | PRCDUCTS |
| 1 | PROFESSION |
| 2 | PROFESSIONAL |
| 1 | PROFESSIONALMENT |
| 4 | PROFICIENCY |
| 3 | PROFICIENT |
| 1 | PROFUSELY |
| 5 | PROGRAM |
| 1 | PROGRAMS |
| 5 | PROGRESS |
| 4 | PROGRESSION |
| 1 | PROGRESSIONAND |
| 2 | PROHIBITED |
| 1 | PROJECTILE |
| 1 | PROLONG |
| 7 | PROLONGED |
| 1 | PROMETHIUM |
| 2 | PRMINENT |
| 2 | PRMOUE |
| 4 | PRMLTED |
| 18 | PROMOTION |
| 1 | PROMOTION--- |
| 6 | PRPNE |
| 1 | PRPNCED |
| 5 | PRPNCOS |
| 1 | PRPNCOUNCED |
| 1 | PRPNCUNCIATION |
| 1 | PRPUP |
| 2 | PRPUEL |
| 37 | PRPVELLED |
| 37 | PRPVELLER |
| 5 | PRPPELLERS |
| 6 | PRPPELLING |
| 37 | PRPPEK |
| 28 | PRPPEKLY |
| 3 | PRPPEVITY |
| 2 | PRPPESED |
| 4 | PRPULSION |
| 1 | PRPSYSTEM |
| 20 | PRPTECT |
| 7 | PRPTECTED |

| | |
|----|---------------|
| 12 | PRESS |
| 4 | PRESS-TO-TALK |
| 2 | RESSED |
| 6 | PRESSING |
| 65 | PRESSURE |
| 2 | PRESSURE-ARM |
| 4 | PRESSURES |
| 1 | PRESS-54 |
| 54 | PREVENT |
| 2 | PREVENTED |
| 3 | PREVENTING |
| 13 | PREVENTIVE |
| 10 | PREVENTS |
| 12 | PREVIOUSLY |
| 2 | PRIMARILY |
| 5 | PRIMARY |
| 14 | PRIME |
| 13 | PRIMED |
| 4 | PRIMER |
| 1 | PRIMERS |
| 29 | PRIMING |
| 1 | PRINCIPAL |
| 4 | PRINCIPLES |
| 4 | PRINTED |
| 11 | PRINTING |
| 8 | PRISON |
| 1 | PRIORITY |
| 2 | PRISONER |
| 10 | PRISONERS |
| 1 | PRISONERS' |
| 2 | PRIVATE |
| 1 | PRIVATES |
| 2 | PROBABLE |
| 2 | PROBABLY |
| 7 | PROBE |
| 1 | PROCES |
| 8 | PROBING |
| 1 | PROBLEM |
| 1 | PROBLEMS |
| 20 | PROCEDURE |
| 49 | PROCEDURES |
| 6 | PROCESSED |
| 11 | PROCESS |
| 1 | PROCESSED |
| 1 | PROCESSING |

| | |
|----|------------------|
| 1 | PUNCHING |
| 1 | PUNCTURE |
| 2 | PUNCTURED |
| 1 | PUNCTURES |
| 3 | PUPILS |
| 1 | PUPADAPTER |
| 2 | PURPLE |
| 14 | PURPOSE |
| 7 | PURPOSES |
| 36 | PUSH |
| 24 | PUSH-BAR |
| 2 | PUSH-TALK |
| 1 | PUSHBAR |
| 13 | PUSHED |
| 12 | PUSHING |
| 42 | PUT |
| 2 | PUTS |
| 10 | PUTTING |
| 1 | PUTTY-LIKE |
| 1 | PW |
| 2 | PYROTECHNIC |
| 2 | P153 |
| 2 | P158 |
| 1 | Q |
| 1 | QUALIFICATION |
| 1 | QND |
| 9 | QUALIFICATION |
| 1 | QUALIFICATIONS |
| 6 | QUALIFIED |
| 4 | QUALITY |
| 1 | QUALITY |
| 2 | QUART |
| 4 | QUARTERLY |
| 1 | QUAFEC |
| 1 | QUESTION |
| 3 | QUESTIONNAIRE |
| 2 | QUESTIONS |
| 12 | QUICK |
| 1 | QUICK-DISCONNECT |
| 1 | QUICKEST |
| 12 | QUICKLY |
| 1 | QUIT |
| 3 | R |
| 2 | RACKED |
| 2 | RACKING |

| | |
|----|-------------------|
| 16 | RADIATION |
| 1 | RADIATION--EITHER |
| 2 | RADIATCH |
| 27 | RADIO |
| 1 | RADIO-TELEPHONE |
| 4 | RADIO/TELEPHONE |
| 6 | RADIOLOGICAL |
| 6 | RADIOS |
| 1 | RADIO/TELEPHONE |
| 5 | RADIUS |
| 33 | RAFT |
| 5 | RAFT/NAV |
| 2 | RAFTING |
| 1 | RAFTING/BRIDGING |
| 12 | RAFTS |
| 1 | RAG |
| 3 | RAGS |
| 1 | RAI |
| 1 | RAID |
| 20 | RAIL |
| 1 | RAILROAD |
| 2 | RAILROADS |
| 7 | RAILS |
| 3 | RAIN |
| 34 | RAISE |
| 1 | RAISE/LOWER |
| 12 | RAISED |
| 1 | RAISING |
| 5 | RAISEP |
| 1 | RAISERS |
| 2 | RAIN |
| 44 | RAINP |
| 10 | RAIYS |
| 1 | RAIUM |
| 44 | RAIUE |
| 2 | RAIUE/SECTOR |
| 9 | RAIGES |
| 1 | RAIKS |
| 4 | RAID |
| 6 | RADILLY |
| 1 | RAGE |
| 1 | RASHES |
| 1 | RATCHETING |
| 12 | KATE |
| 4 | RATED |

| | |
|----|---------------|
| 1 | RATER'S |
| 1 | RATES |
| 3 | RATHER |
| 1 | RATIN |
| 7 | PATING |
| 1 | RATINGS |
| 1 | RATIO |
| 1 | RATIONALLY |
| 1 | PAY |
| 1 | PAYS |
| 1 | RAZORS |
| 2 | RWC |
| 1 | RUM-14 |
| 1 | FE-EXTEND |
| 1 | RE-LAY |
| 7 | REACH |
| 2 | REACHED |
| 3 | REACHES |
| 1 | REACHING |
| 2 | REACT |
| 3 | REACTING |
| 1 | REACTION |
| 1 | REACTIONS |
| 5 | PEAU |
| 1 | READABILITY |
| 5 | READILY |
| 1 | READINESS |
| 10 | READING |
| 1 | READINGS |
| 5 | READY |
| 1 | READY-TO-FIRE |
| 1 | REAL |
| 1 | REALISTIME |
| 1 | REALIZE |
| 89 | REALM |
| 9 | REASON |
| 2 | REASONABLE |
| 1 | REASONABLY |
| 1 | REASONS |
| 3 | REASSEMBLE |
| 1 | REASSEMBLED |
| 1 | REFETING |
| 2 | REFULGING |
| 1 | RECALL |
| 1 | RECEIPT |

| | |
|----|----------------------|
| 48 | RECEIVE |
| 9 | RECEIVED |
| 43 | RECEIVER |
| 8 | RECEIVER-TRANSMITTER |
| 2 | RECEIVERS |
| 1 | RECEIVERTRANSMITTER |
| 1 | RECEIVES |
| 7 | RECEIVING |
| 1 | RECEPTLY |
| 2 | RECEPTABLE |
| 2 | RECEPTACLE |
| 9 | RECESS |
| 4 | RECESSES |
| 4 | RECHECK |
| 1 | RECIPROCAL |
| 1 | RECITE |
| 2 | RECLASSIFICATION |
| 2 | RECOGNITION |
| 1 | RECOGNIZABLE |
| 13 | RECOGNIZE |
| 8 | RECOGNIZED |
| 1 | RECOMMENDED |
| 1 | RECOMMEND |
| 5 | RECOMMENDED |
| 1 | RECOMMENDED |
| 1 | RECONNAISSANCE |
| 23 | RECORD |
| 8 | RECORDED |
| 3 | RECORDING |
| 6 | RECORDS |
| 9 | RECOVER |
| 10 | RECOVERY |
| 1 | RECTANGLE |
| 2 | RECTANGULAR |
| 1 | PECUR |
| 15 | RED |
| 1 | REDUENING |
| 19 | REDUCE |
| 6 | REDUCED |
| 3 | REDUCES |
| 2 | REDUCING |
| 4 | REFL |
| 1 | REFLED |
| 1 | REFLS |
| 1 | REFLEIST |

| | |
|----|----------------|
| 1 | REFINISHMENT |
| 1 | REFR |
| 4 | REFVE |
| 5 | REFVED |
| 1 | REFVING |
| 8 | REFER |
| 94 | REFERENCE |
| 1 | REFERENCED |
| 59 | REFERENCES |
| 2 | REFERRED |
| 2 | REFILL |
| 1 | REFILLING |
| 1 | REFIT |
| 1 | REFUEL |
| 2 | REFUINS |
| 1 | REFUGUEES |
| 1 | REGISTER |
| 1 | REGISTERS |
| 1 | REGULAR |
| 1 | REGULATE |
| 2 | REGULATIONS |
| 3 | REINFORCED |
| 1 | REINFORCEMENT |
| 1 | REINSENT |
| 1 | REINSTALL |
| 2 | REINSTALL |
| 4 | RELATED |
| 5 | RELATIONSHIP |
| 2 | RELAX |
| 08 | RELEASE |
| 1 | RELEASE-PIN |
| 1 | RELEASE-TYPE |
| 1 | RELEASE/SECURE |
| 2 | RELEASED |
| 2 | RELEASES |
| 3 | RELEASING |
| 2 | RELIABLE |
| 1 | RELIED |
| 5 | RELIEF |
| 5 | RELIEVED |
| 1 | RELUAD |
| 1 | RELAGEN |
| 12 | RELAJN |
| 1 | REMAINDER |
| 7 | REMAINING |

6 REMAINS
02 REMEDIAL
8 REMINDER
9 REMOVAL
191 REMOVE

90 REMOVED
18 REMOVING
3 REMOVED
1 REMOVED
1 REMOVED

1 REPAIRED
1 REPAIRING
28 REPAIRS
2 REPAIRS
3 REPAIRS

14 REPEAT
3 REPEATED
1 REPEATEDLY
1 REPEATING
1 REPELLENTS

1 REPETITIONS
1 REPIECE
40 REPLACE
13 REPLACED
5 REPLACEMENT

10 REPLACING
4 REPLY
19 REFURT
8 REQUESTED
2 RESCUING

1 REPORTS
2 REPOSITION
1 REPRESENTATIVE
2 REQUEST
1 REQUESTED

1 REQUESTS
14 REQUIRE
41 REQUIRED
7 REQUIREMENT
5 REQUIREMENTS

1 REQUIREMENTSTECHNIQUES
8 REQUIREMENTS
6 REQUIRING
1 REFILL
1 RESECTION

| | |
|----|------------------|
| 1 | RESEMBLE |
| 1 | RESEMBLES |
| 4 | RESERVE |
| 6 | RESERVEIR |
| 4 | RESET |
| 1 | RESIGUAL |
| 2 | RESIGUAL-- |
| 1 | RESIGUE |
| 2 | RESIST |
| 5 | RESISTANCE |
| 1 | RESOLUTION |
| 1 | RESOURCE |
| 2 | RESPECTIVE |
| 4 | RESPECTIVELY |
| 12 | RESPIRATION |
| 1 | RESPLICE |
| 1 | RESPOND |
| 1 | RESPONDMENT |
| 6 | RESPONSE |
| 1 | RESPONSES |
| 1 | RESPONSIBILITIES |
| 1 | RESPONSIBILITY |
| 14 | RESPONSIBLE |
| 1 | RESPUTHE |
| 1 | RESQUEZE |
| 10 | REST |
| 3 | RESTING |
| 1 | RESTORATION |
| 6 | RESTORE |
| 1 | RESIGNED |
| 3 | RESTORING |
| 2 | RESTRAINING |
| 1 | RESTRICT |
| 4 | RESULTS |
| 10 | RESULT |
| 1 | RESULTED |
| 4 | RESULTING |
| 9 | RESULTS |
| 1 | RESUME |
| 1 | RESUPPLY |
| 1 | RESUSCITATION |
| 16 | RESUSCITATION |
| 1 | RESUSCITATIVE |
| 5 | RETAIN |
| 3 | RETAINED |

| | |
|----|-----------------|
| 20 | DETAINER |
| 1 | RETAINERS |
| 2 | RETAINING |
| | RETAFI |
| | RETENTION |
| 1 | RETIGHTENING |
| 8 | RETINELVAL |
| 4 | RETINJEVE |
| 4 | RETINJEVED |
| 19 | RETURN |
| 3 | RETURNED |
| 3 | RETURNING |
| 2 | RETURNPS |
| 2 | REUSABLE |
| 2 | REUSE |
| 1 | REVEAL |
| 1 | REVERSAL |
| 16 | REVERSE |
| 1 | REVERSED |
| 1 | REVERSING |
| 2 | REVIEW |
| 1 | REVOLVE |
| 1 | REVOLVES |
| 3 | REWARDING |
| 1 | REWRAP |
| 2 | REVIND |
| 1 | REVINDING |
| 5 | PIRARD |
| 1 | PIRATUS |
| 20 | PIRCHIN |
| 3 | PIRS |
| 1 | PICE |
| 2 | PIFE |
| 1 | PIRES |
| 1 | PIRUF |
| 1 | PIRGES |
| 3 | PIRING |
| 02 | PIFLE |
| 3 | PIFLES |
| 1 | PIGTING |
| 48 | RIGHT |
| 2 | RIGHT-ANGLED |
| 6 | RIGHT-HAND |
| 1 | RIGHT-OVER-LEFT |
| 1 | RIGID |

| | |
|----|----------------|
| 45 | RING |
| 1 | RINGING |
| 10 | RINGS |
| 4 | RIPSE |
| 1 | RIPSED |
| 7 | RINT |
| 1 | RIPS |
| 1 | PIPPING |
| 1 | RIPS |
| 3 | RIPSAM |
| 7 | RISE |
| 2 | RISES |
| 2 | RISK |
| 8 | RIVER |
| 2 | RIVER-CROSSING |
| 1 | RIVERBEDS |
| 2 | RIVERS |
| 1 | RIVETED |
| 2 | RIVETS |
| 1 | PI34 |
| 1 | RL |
| 1 | RL39A |
| 1 | RMVE |
| 2 | RU |
| 13 | ROAD |
| 7 | ROADS |
| 15 | ROADWAY |
| 1 | ROADWAY/BCW |
| 4 | ROCK |
| 3 | RACKET |
| 5 | RUCKETS |
| 10 | RUCKING |
| 7 | RUCKS |
| 43 | RUF |
| 1 | RUPS |
| 2 | RUGER |
| 3 | RULE |
| 27 | FULL |
| 5 | PULLED |
| 64 | PULLER |
| 25 | RULLENS |
| 3 | PULLING |
| 2 | PULLS |
| 1 | PULPED |
| 2 | RUM |

1 RUMS
1 RUMT
99 PURE
11 RUPES
1 RUFESITUATION

10 ROTATE
1 PUTATED
3 PUTATING
1 PUTATION
2 PUTATIONAL

1 RUTTEN
8 RUUGH
20 RUIND
1 PUNCHED
35 PUNDS

1 RUINERS---
3 RUIITE
1 RUITINE
4 RUX
5 RPI

2 RT
2 RT-B41
1 RIR
1 RIR
1 RUBED

8 RUBER
2 RUBING
1 RUCER
5 RUFERS
1 PULBER

2 RULE
12 RULES
11 RUC
1 RUN-AWAY
11 RUINING

2 RUINNY
1 RUPTURE
1 RUPTURED
1 PUSHING
2 PUSI

1 RUTS
26 S
1 S-12C1/2
1 S-12E-TME
28 SACUL

| | |
|-----|-----------------|
| 1 | SADDLE-ASSEMBLY |
| 1 | SADDLES |
| 1 | SAF |
| 32 | SAFE |
| 1 | SAFEGUARD |
| 1 | SAFEST |
| 1 | SAFETIES |
| 119 | SAFETY |
| 2 | SAG |
| 10 | SALT |
| 5 | SALUTE |
| 1 | SALVAGE |
| 06 | SAME |
| 2 | SAMPLE |
| 1 | SAMPLING |
| 7 | SAPU |
| 2 | SAPURAG |
| 1 | SAPUPAPER |
| 5 | SANITATION |
| 1 | SATISFACTION |
| 5 | SATISFACTORILY |
| 3 | SATISFACTORY |
| 1 | SATISFIED |
| 1 | SATISFY |
| 1 | SATISFYING |
| 1 | SATURATED |
| 1 | SATISAGES |
| 2 | SAVE |
| 4 | SAV |
| 1 | SAV-TUUTH |
| 1 | SAWMORSES |
| 3 | SAWING |
| 2 | SAWS |
| 2 | SAY |
| 1 | SCABARD |
| 19 | SCALE |
| 3 | SCALP |
| 1 | SCATTERED |
| 5 | SCUCL |
| 1 | SCUCLING |
| 1 | SCISSORS |
| 1 | SCRUP |
| 2 | SCUPE |
| 1 | SCUMABLE |
| 17 | SCUNE |

| | |
|----|-----------------|
| 2 | SCRED |
| 2 | SCMES |
| 2 | SCFAP |
| 3 | SCFAPING |
| 1 | SCFATCHER |
| 2 | SCRATCHES |
| 2 | SCREEN |
| 3 | SCREENS |
| 20 | SCREEN |
| 2 | SCREENDRIVER |
| 1 | SUPERDRIVERS |
| 3 | SUPERED |
| 2 | SUPERING |
| 6 | SCREENS |
| 1 | SCPIED |
| 1 | SEA |
| 11 | SEAL |
| 2 | SEALED |
| 6 | SEALING |
| 4 | SEALS |
| 1 | SEAMS |
| 6 | SEAM |
| 30 | SEANCH |
| 13 | SEAT |
| 8 | SEATED |
| 1 | SEATING |
| 1 | SEATINGS |
| 4 | SEATS |
| 2 | SEC |
| 1 | SECUESIGNED |
| 22 | SECUND |
| 2 | SECUNDARY |
| 33 | SECURUS |
| 1 | SECURUS |
| 1 | SECT |
| 32 | SECTION |
| 14 | SECTIONS |
| 23 | SECTION |
| 1 | SECTION-OF-FIRE |
| 47 | SECURE |
| 6 | SECURED |
| 13 | SECURELY |
| 4 | SECURING |
| 14 | SECURITY |
| 1 | SECURITY-MINDED |

| | |
|----|-----------------|
| 1 | SEIPMENT |
| 27 | SEP |
| 6 | SEFING |
| 1 | SEFING-- |
| 2 | SEFA |
| 1 | SEFING |
| 1 | SEFMS |
| 4 | SEFN |
| 1 | SEGREGATE |
| 2 | SEIZE |
| 2 | SEIZED |
| 2 | SEIZINGS |
| 13 | SELECT |
| 4 | SELECTED |
| 1 | SELECTION |
| 1 | SELECTIVE |
| 1 | SELECTIVELY |
| 12 | SELECTOR |
| 8 | SELF |
| 1 | SELF-CLEANING |
| 1 | SEPI |
| 1 | SEPO |
| 3 | SEPOING |
| 5 | SEPOIR |
| 1 | SEPSATION |
| 2 | SEPS |
| 1 | SEPSSES |
| 1 | SEPSING |
| 3 | SEPSITIVE |
| 1 | SEPSITIVITIES |
| 5 | SEPSITIVITY |
| 1 | SEPTINEL |
| 13 | SEPARATE |
| 5 | SEPARATED |
| 2 | SEPARATION |
| 1 | SEPARATOR |
| 8 | SEQUENCE |
| 5 | SEQUEANT |
| 14 | SERIES |
| 12 | SERIFUS |
| 3 | SERIFUSLY |
| 1 | SERIFUSNESS |
| 1 | SERPROFESSIONAL |
| 1 | SERMATED |
| 5 | SEPE |

| | |
|-----|----------------|
| 1 | SERVES |
| 08 | SERVICE |
| 6 | SERVICEABILITY |
| 4 | SERVICABLE |
| 13 | SERVICES |
| 2 | SERVICING |
| 2 | SERVING |
| 1 | SESSION |
| 111 | SET |
| 6 | SETS |
| 1 | SETS-TIME |
| 6 | SETTING |
| 2 | SETUP |
| 1 | SEV |
| 2 | SEVEN |
| 5 | SEVER |
| 1 | SEVEN-MODULE |
| 1 | SEVENTEEN |
| 2 | SEVENTH |
| 19 | SEVERAL |
| 14 | SEVERE |
| 1 | SEXES |
| 6 | SHACKLE |
| 2 | SHACKLES |
| 2 | SHADE |
| 1 | SHADED |
| 2 | SHADOWN |
| 14 | SHIFT |
| 4 | SHAKE |
| 6 | SHALL |
| 4 | SHALLON |
| 1 | SHAMFUDED |
| 1 | SHAMP |
| 5 | SHAP |
| 9 | SHAPE |
| | SHAPED |
| 1 | SHAPING |
| 1 | SHAR |
| 1 | SHARK |
| 1 | SHARFU |
| 12 | SHARP |
| 1 | SHARP-EDGED |
| 1 | SHARPEN |
| 1 | SHARPENED |
| 3 | SHARPER |
| 6 | SHARPLY |

2 SHARPNESS
1 SHARPSHOOTER
1 SHAVE
1 SHAVEN
3 SHAVING

8 SHEAR
1 SHEARED
21 SHEARPIN
1 SHEARPINS
1 SHEARS

1 SHEATHS
10 SHEAVE
4 SHEAVES
1 SHEEC
3 SHEEPSHANK

10 SHEET
4 SHEETS
5 SHELF
3 SHELL
1 SHELLS

9 SHELTER
1 SHELTERED
1 SHELTERS
5 SHIFT
2 SHIFTED

2 SHIFTING
1 SHINES
1 SHINING
4 SHINY
18 SHIPPING

2 SHIPS
2 SHIRT
9 SHOCK
2 SHOE
2 SHRES

1 SHOLD
6 SHOUT
12 SHRE
34 SHREAT
1 SHORTCUTTINGS

1 SHORTCOMINGS/DEFICIENCIES
1 SHORTENING
2 SHORTER
6 SHORTING
1 SHORTLY

| | |
|-----|-------------|
| 6 | SMRT |
| 124 | SMRULD |
| 17 | SMFULDER |
| 5 | SMFULDERS |
| 2 | SMFUT |
| 1 | SMOUTED |
| 1 | SMOVE |
| 1 | SMVEL |
| 1 | SMVEL-LIKE |
| 7 | SMCN |
| 1 | SMFWING |
| 18 | SMGN |
| 10 | SMGWS |
| 2 | SMRAPNEL |
| 1 | SMREDDING |
| 6 | SMINT |
| 7 | SMIT |
| 1 | SMIT-OFF |
| 4 | SMITUPF |
| 1 | SMUTTER |
| 1 | SMITTING |
| 2 | SIPLE |
| 1 | SICK |
| 3 | SICKNESS |
| 86 | SIDE |
| 15 | SIDES |
| 2 | SIFWAYS |
| 1 | SIFARA |
| 54 | SIGHT |
| 1 | SIGHTED |
| 3 | SIGHTING |
| 8 | SIGHTS |
| 4 | SIGN |
| 33 | SIGNAL |
| 3 | SIGNALING |
| 3 | SIGNALMAN |
| 20 | SIGNALS |
| 1 | SIGNIFY |
| 16 | SIGNS |
| 2 | SILECE |
| 1 | SILENT |
| 2 | SILHQUETTE |
| 2 | SILHQUETTES |
| 2 | SILICUNE |
| 6 | SILVER |

| | |
|----|----------------|
| 20 | SIMILAR |
| 1 | SIMILARLY |
| 2 | SIMPLE |
| 1 | SIMPLY |
| 4 | SIMULATED |
| 3 | SIMULTANEOUSLY |
| 16 | Slice |
| 29 | SINGLE |
| 1 | SINGLE-BITTED |
| 2 | SINGLE-BLOCK |
| 1 | SINGLE-SPEED |
| 2 | SINGLE-DOUBLE- |
| 1 | SINGLY |
| 1 | SINGULAR |
| 2 | SIX |
| 3 | SIXE |
| 1 | SIXES |
| 1 | SIXTY |
| 2 | SIT |
| 26 | SITE |
| 2 | SITES |
| 1 | SITUATION |
| 24 | SITUATION |
| 1 | SITUATIONS |
| 1 | SITUATION |
| 14 | SIX |
| 4 | SIX-DIGIT |
| 2 | SIXTH |
| 15 | SIZE |
| 3 | SIZES |
| 1 | SKETCHES |
| 1 | SKID |
| 75 | SKILL |
| 5 | SKILLS |
| 45 | SKIN |
| 3 | SKIRT |
| 1 | SKIRTS |
| 12 | SLACK |
| 1 | SLACKED |
| 2 | SLACKENING |
| 9 | SLAVE |
| 5 | SLAVING |
| 3 | SLUDGE |
| 1 | SLEEP |
| 4 | SLEEPING |

| | |
|-----------------|----|
| SLFEVE | |
| SLFEVES | |
| SLTU | 1 |
| SLTUE | 15 |
| SLTUES | 1 |
| SLIDING | 5 |
| SLIGHT | 5 |
| SLIGHTLY | 15 |
| SLING | 24 |
| SLINGS | 4 |
| SLIP | 12 |
| SLIPPED | 1 |
| SLIPPING | 3 |
| SLIPSTONES | 1 |
| SLIT | 2 |
| SLIT-TYPE | 3 |
| SLOPE | 2 |
| SLOWED | 1 |
| SLOPES | 4 |
| SLOPING | 3 |
| SLRT | 9 |
| SLRTS | 3 |
| SLRTED | 4 |
| SLRTED-END | 1 |
| SLRTED-HEAD | 1 |
| SLW | 10 |
| SLWER | 1 |
| SLWING | 2 |
| SLWLY | 9 |
| SLWIG | 1 |
| SMALL | 26 |
| SMALL-ARMS | 1 |
| SMALL-TU-MEDIUM | 1 |
| SMALLER | 4 |
| SMALLEST | 1 |
| SMEARS | 1 |
| SMKE | 16 |
| SMKEE | 1 |
| SMKEE | 1 |
| SMKEE | 1 |
| SMKEE | 6 |
| SMKEE | 1 |
| SMKEE | 2 |
| SMKEE | 1 |
| SMKEE | 2 |
| SMKEE | 1 |

| | |
|-----|------------|
| 2 | SNAP |
| 1 | SHAPPED |
| 8 | SNATCH |
| 2 | SNEEZING |
| 7 | SNOW |
| 1 | SNOWFIELD |
| 3 | SNUG |
| 1 | SNIGLY |
| 107 | SU |
| 1 | SUAKING |
| 4 | SUAP |
| 4 | SUSPY |
| 7 | SUCKET |
| 1 | SUCKETS |
| 1 | SUCKS |
| 3 | SUR |
| 5 | SUDIUM |
| 6 | SUFT |
| 15 | SUILL |
| 1 | SUILLED |
| 1 | SUIAT |
| 73 | SUIDIEM |
| 1 | SUDIETI |
| 42 | SUDIER'S |
| 33 | SUDIERS |
| 1 | SUDIERS'S |
| 1 | SULE |
| 1 | SULES |
| 1 | SULHAVE |
| 4 | SULID |
| 1 | SULIS |
| 1 | SULMARIALS |
| 5 | SOLUTION |
| 1 | SOLVE |
| 2 | SOLVENT |
| 3 | SULVENTS |
| 35 | SUP-E |
| 2 | SUP-EMIE |
| 5 | SUP-ETHING |
| 3 | SUP-ETYPES |
| 1 | SUP-EMHAT |
| 10 | SUPN |
| 5 | SUP |
| 1 | SUR |
| 1 | SURTS |

| | |
|----|----------------|
| 4 | SUTMAT |
| 4 | SUTND |
| 1 | SUTNPS |
| 5 | SUTNCE |
| 3 | SUTNCS |
| 1 | SUTTH |
| 1 | SUTTHEAST |
| 8 | SPACE |
| 6 | SP-LED |
| 2 | SPACER |
| 4 | SPACERS |
| 2 | SPACES |
| 3 | SPACING |
| 3 | SPAN |
| 1 | SPANS |
| 8 | SPAR |
| 4 | SPARE |
| 1 | SPARKING |
| 5 | SPARS |
| 1 | SPARSELY |
| 2 | SPASPS |
| 2 | SPAYS |
| 43 | SPECIAL |
| 1 | SPECIAL-HEAD |
| 14 | SPECIALIST |
| 1 | SPECIALTY |
| 3 | SPECIALLY |
| 66 | SPECIFIC |
| 2 | SPECIFICATIONS |
| 14 | SPECIFIED |
| 1 | SPECIFY |
| 1 | SPECIL |
| 1 | SPECIFIC |
| 1 | SPECTIVE |
| 31 | SPEED |
| 1 | SPEEDS |
| 1 | SPEEDY |
| 2 | SPELL |
| 1 | SPIGOT |
| 1 | SPIKES |
| 9 | SPINAL |
| 1 | SPINE |
| 20 | SPLICE |
| 10 | SPLICED |
| 10 | SPLICES |

| | |
|----|-----------------|
| 5 | SPLICING |
| 8 | SPLIT |
| 1 | SPLITTERED |
| 2 | SPLITTING |
| 3 | SPLITS |
| 4 | SPLIT |
| 1 | SPLITS |
| 3 | SPLITTING |
| 2 | SPLIT |
| 5 | SPOKEN |
| 1 | SPONSIBILITY |
| 1 | SPONTANEOUSLY |
| 5 | SPUL |
| 2 | SPULS |
| 5 | SPT |
| 2 | SPTS |
| 1 | SPUT |
| 1 | SPRACHES |
| 8 | SPEAY |
| 1 | SPRAYING |
| 9 | SPEAU |
| 1 | SPEAUS |
| 42 | SPEING |
| 1 | SPEING-ACTUATED |
| 5 | SPRING-LOADED |
| 1 | SPRING-TYPE |
| 2 | SPRINGS |
| 27 | SCT |
| 2 | SUTS |
| 10 | SWAD |
| 1 | SUAD/SECTION |
| 1 | SUAD'S |
| 1 | SUADS |
| 24 | SUARE |
| 1 | SUARED-OFF |
| 1 | SUARELY |
| 3 | SUARES |
| 1 | SUATTING |
| 4 | SUEEZE |
| 2 | SUEEZED |
| 1 | SUELCM |
| 1 | SHADARD |
| 1 | SS |
| 3 | SSF |
| 2 | STABILITY |

255-

| | |
|-----|------------|
| 1 | STABILIZE |
| 1 | STABLE |
| 1 | STABILIZE |
| 1 | STACKING |
| 3 | STADIA |
| 1 | STAGES |
| 1 | STAGGER |
| 1 | STAGGERED |
| 11 | STAKE |
| 19 | STAKES |
| 1 | STALLING |
| 1 | STAMPING |
| 1 | STAMPS |
| 3 | STANCHIONS |
| 9 | STAND |
| 44 | STANDARD |
| 114 | STANDARDS |
| 9 | STANDING |
| 1 | STANTERIAL |
| 1 | STAPLES |
| 11 | STARBUARD |
| 27 | START |
| 11 | STARTED |
| 5 | STARTER |
| 6 | STARTING |
| 3 | STARTS |
| 3 | STATE |
| 1 | STATED |
| 1 | STATEMENT |
| 2 | STATES |
| 7 | STATIC |
| 13 | STATION |
| 7 | STATIONARY |
| 2 | STATIONED |
| 7 | STAY |
| 7 | STFADY |
| 1 | STIFAM |
| 40 | STEEL |
| 1 | STEEP |
| 9 | STEER |
| 1 | STERERD |
| 1 | STERER |
| 15 | STERING |
| 1 | STENCIL |
| 1 | STENCILED |

| | |
|----|----------------|
| 18 | SIPP |
| 1 | STEP-UP-STEP |
| 1 | STEPPING |
| 20 | STEPS |
| 7 | STEWLE |
| 22 | STERN |
| 1 | STERN-TO-STERN |
| 2 | STERN'S |
| 7 | STICK |
| 6 | STICKS |
| 1 | STICKY |
| 1 | STIFF |
| 5 | STIFFENER |
| 4 | STIFFENERS |
| 14 | STILL |
| 1 | STIMULENTS |
| 1 | STIMULANT |
| 1 | STINGING |
| 1 | STIRRING |
| 1 | STITCHER |
| 12 | STICK |
| 5 | STIMACH |
| 3 | STINE |
| 2 | STINES |
| 29 | SIRP |
| 1 | STEP-LIGHT |
| 17 | SIPPAGE |
| 1 | SIPPAGES |
| 6 | STIPPED |
| 4 | STIPPING |
| 6 | STOPS |
| 7 | STORAGE |
| 9 | STONE |
| 7 | STREW |
| 1 | STRIKES |
| 1 | STIRKING |
| 6 | STIRPS |
| 14 | STIRY |
| 16 | SIRW |
| 3 | SIRWED |
| 2 | STIRWING |
| 12 | STRAIGHT |
| 2 | STRAIGHTEDGE |
| 1 | STRAIGHTEN |
| 7 | STRAIN |

| | |
|----|--------------|
| 2 | STRAINER |
| 3 | STRAINERS |
| 3 | STRAID |
| 6 | STRATUS |
| | STRANGER |
| 3 | STRAP |
| 9 | STRAPS |
| 1 | STRATEGIC |
| 7 | STREAM |
| 3 | STREAMS |
| 4 | STRENGTH |
| 1 | STRENGTHS |
| 2 | STRETCH |
| 2 | SKETCHING |
| 1 | STEAM |
| 7 | STRING |
| 3 | STRIDER |
| 1 | STRIVES |
| 2 | STRIVING |
| 11 | STRING |
| 5 | STRIDER |
| 13 | STRIDERS |
| 1 | STRIFUS |
| 15 | STRIP |
| 1 | STRIPE |
| 1 | STRIPPED |
| 5 | STRIPS |
| 1 | STROPE |
| 1 | STRIDLED |
| 1 | STRIPES |
| 2 | STRUNG |
| 2 | STRUCK |
| 2 | STRUCTURAL |
| 4 | STRUCTURE |
| 1 | STRUCTURES |
| 1 | STRUT |
| 3 | STICK |
| 7 | STUDY |
| 3 | STIMPS |
| 1 | SUFALIBER |
| 3 | SURCURSE |
| 1 | SURJUNSES |
| 1 | SUPDIVIDES |
| 1 | SUPDIVISIONS |
| 1 | SURJECT |

| | |
|----|----------------|
| 1 | SURJECTS |
| 1 | SURMERGED |
| 3 | SURMIT |
| 1 | SURMUNINATES |
| 1 | SURSERLENT |
| 4 | SURSTANCE |
| 3 | SURSTITUTE |
| 1 | SURSTITUTED |
| 1 | SURSTITUTION |
| 1 | SURSTRUCURE |
| 2 | SURSYSTEM |
| 1 | SURSYSTEMS |
| 1 | SURVIVOR |
| 1 | SURZENC |
| 3 | SUCCESS |
| 2 | SUCCESSFULLY |
| 2 | SUCCESSIVE |
| 4 | SUCH |
| 1 | SUCKED |
| 3 | SUDENLY |
| 2 | SUFFER |
| 1 | SUFFERED |
| 13 | SUFFICIENT |
| 3 | SUFFICIENTLY |
| 1 | SUFFITHS |
| 1 | SUFFOCATION |
| 1 | SUGGEST |
| 1 | SUIT |
| 16 | SUITABLE |
| 1 | SUITED |
| 1 | SULFURIC |
| 1 | SUNING |
| 11 | SUNNARIES |
| 6 | SUMMARY |
| 2 | SUPP |
| 1 | SURTHE |
| 3 | SUP |
| 4 | SURBURN |
| 2 | SUNGASSES |
| 2 | SUNLIGHT |
| 1 | SURSTROKE |
| 1 | SUPER |
| 1 | SUPERFICIAL |
| 2 | SUPERIOR |
| 29 | SUPERSTRUCTURE |

| | |
|----|---------------------------|
| 9 | SUPERSTRUCTURES |
| 2 | SUPERSTITION |
| 1 | SUPERVISE |
| 1 | SUPERVISING |
| 1 | SUPERVISION |
| 1 | SUPERVISOR |
| 20 | SUPERVISOR/ADMINISTRATIVE |
| 1 | SUPERVISOR/ADMINISTRATIVE |
| 2 | SUPERVISOR/TRAINER |
| 3 | SUPERVISOR'S |
| 1 | SUPERVISORS |
| 2 | SUPERVISORY |
| 2 | SUPPLEMENT |
| 1 | SUPPLEMENTARY |
| 5 | SUPPLIED |
| 5 | SUPPLIES |
| 13 | SUPPLY |
| 07 | SUPPORT |
| 3 | SUPPORTED |
| 4 | SUPPORTING |
| 7 | SUPPLIES |
| 5 | SUPPRESSIVE |
| 2 | SUPPRESSOR |
| 41 | SURE |
| 27 | SURFACE |
| 9 | SURFACES |
| 1 | SURGICAL |
| 1 | SURGERY |
| 1 | SURROUND |
| 3 | SURROUNDING |
| 5 | SURROUNDINGS |
| 1 | SURROUNDS |
| 1 | SURVEILLANCE |
| 1 | SURVIVABILITY |
| 2 | SUSPECT |
| 10 | SUSPECTED |
| 1 | SUSPENDED |
| 3 | SUSPENSION |
| 1 | SUSPICIOUS |
| 3 | SUSTAINED |
| 1 | SW |
| 1 | SWALLOW |
| 1 | SWAMPING |
| 1 | SWAMPS |
| 15 | SWAY |

| | |
|----|--------------|
| 2 | SWAYRACK |
| 5 | SWEATING |
| 7 | SWEEP |
| 5 | SWEEPING |
| 1 | SWELL |
| 1 | SMELLING |
| 5 | SMIFT |
| 9 | SMING |
| 2 | SMINGING |
| 1 | SMINGS |
| 35 | SWITCH |
| 2 | SWITCHBOARD |
| 2 | SWITCHES |
| 2 | SWITCHING |
| 1 | SMIVEL |
| 1 | SMIVELS |
| 1 | SWTICH |
| 1 | SWING |
| 1 | SY |
| 2 | SYMBOLS |
| 1 | SYMPTOM |
| 12 | SYMPTOMS |
| 40 | SYSTEM |
| 1 | SYSTEM--WORK |
| 14 | SYSTEMS |
| 4 | T |
| 1 | T-LME-THE |
| 4 | TA-L/PT |
| 6 | TA-1 |
| 7 | TA-312 |
| 1 | TA-312- |
| 2 | TA-312/PT |
| 8 | TAFLE |
| 1 | TAGLET |
| 3 | TAPLETS |
| 1 | TARS |
| 2 | TACHOMETER |
| 11 | TACKLE |
| 1 | TACKY |
| 16 | TACTICAL |
| 3 | TACTICS |
| 6 | TAC |
| 1 | TAGLINES |
| 2 | TAH |
| 1 | TAIL |

| | |
|-----|-------------|
| 40 | TAVE |
| 1 | TAKEI |
| 1 | TAKE--NO |
| 1 | TAKE-ULWN |
| 1 | TAKE-UFF |
| 15 | TAKEN |
| 4 | TAVEOFF |
| 5 | TALES |
| 5 | TAKING |
| 3 | TALK |
| 1 | TALKING |
| 1 | TALL |
| 6 | TAPMS |
| 1 | TAPPEKED |
| 1 | TAPPEKLC |
| 1 | TAPPING |
| 1 | TAPG |
| 1 | TAPGLED |
| 1 | TAPGUD |
| 15 | TAPK |
| 4 | TAPKS |
| 1 | TAPT |
| 6 | TAP |
| 34 | TAPE |
| 3 | TAPED |
| 6 | TAPER |
| 10 | TAPPEP |
| 1 | TAPETS |
| 26 | TARGET |
| 26 | TARGETS |
| 206 | TASK |
| 1 | TASKED |
| 68 | TASKS |
| 3 | TAT |
| 2 | TAT12/PT |
| 7 | TC |
| 1 | TUA |
| 1 | TE |
| 6 | TEAM |
| 1 | TEAMS |
| 5 | TEAR |
| 5 | TEAMS |
| 1 | TEASPOUNFUL |
| 21 | TEC |
| 7 | TECHICAL |

| | |
|-------|--------------|
| 4 | TECHNIQUE |
| 14 | TECHNIQUES |
| 10 | TEFTI. |
| 11 | TELEPHONE |
| 5 | TELEPHONES |
| 7 | TELL |
| 3 | TELLS |
| 5 | TEMPERATURE |
| 5 | TEMPERATURES |
| 3 | TEMPERATE |
| 3 | TEMPERATES |
| 8 | TEMPERARY |
| 5 | TEPI |
| 1 | TEP-KEIGHT |
| 1 | TEPU |
| 2 | TEPUENCY |
| 1 | TEPUENPRESS |
| 1 | TEPUILE |
| 13 | TEPUISUK |
| 1 | TEPUTATIVE |
| 1 | TEPM |
| 1 | TEPMAL |
| 5 | TEPMALS |
| 1 | TEPMINATE |
| 1 | TEPMINE |
| 1 | TEPMINOLGY |
| 2 | TEPMIS |
| 17 | TEPMIN |
| 86 | TEST |
| 13 | TESTED |
| 5 | TESTING |
| 5 | TESTS |
| 1 | TESTINGS |
| 2 | TEXT |
| 2 | TH |
| 71 | THAN |
| 335 | THAT |
| 1 | THAT-- |
| 1 | THAN |
| 1 | THANED |
| 2 | THAWING |
| 6,371 | THE |
| 1 | THE-- |
| 1 | THEHUK |
| 28 | THE IN |

| | | |
|-----|---------------|--|
| 67 | THEM | |
| 2 | THEMSELVES | |
| 101 | THEN | |
| 661 | THERE | |
| 1 | THEREAFTER | |
| 6 | THENCEFORE | |
| 70 | THENCE | |
| 90 | THEY | |
| 3 | THICK | |
| 1 | THICKLY | |
| 5 | THIN | |
| 1 | THING | |
| 1 | THINGS | |
| 1 | THINK | |
| 1 | THINKS | |
| 1 | THINKING | |
| 1 | THIRD | |
| 7 | THIRST | |
| 1 | THIRST | |
| 231 | THIS | |
| 8 | THOROUGHLY | |
| 30 | THOSE | |
| 6 | THROUGH | |
| 1 | THROUGHT | |
| 1 | THOUSANDS | |
| 1 | THRU | |
| 10 | THRU | |
| 1 | THRU | |
| 10 | THRU | |
| 1 | THRU | |
| 6 | THRU | |
| 9 | THRU | |
| 92 | THRU | |
| 1 | THREE-FOOT | |
| 1 | THREE-FOURTHS | |
| 1 | THREE-KILO | |
| 1 | THREE-KILO | |
| 3 | THRU | |
| 23 | THRU | |
| 1 | THRU | |
| 5 | THRU | |
| 114 | THRU | |
| 3 | THRU | |
| 15 | THRU | |
| 8 | THRU | |
| 7 | THRU | |
| 11 | THRU | |
| 1 | THRU | |
| 3 | THRU | |

| | |
|----|-----------------|
| 17 | THUMB |
| 3 | THUMBS |
| 8 | THUS |
| 3 | THUAT |
| 1 | TH3 |
| 1 | TIC |
| 14 | TICK |
| 72 | TIE |
| 14 | TIE-DOWN |
| 2 | TIE-PLATE |
| 14 | TIED |
| 2 | TIEDOWN |
| 6 | TIFS |
| 1 | TIFICATION |
| 13 | TIGHT |
| 21 | TIGHTEN |
| 7 | TIGHTENED |
| 6 | TIGHTENING |
| 1 | TIGHTENS |
| 1 | TIGHTEN |
| 13 | TIGHTLY |
| 13 | TIGHTNESS |
| 6 | TILT |
| 8 | TILT-LOCK |
| 1 | TILTED |
| 3 | TILTED |
| 4 | TILTING |
| 14 | TIPPER |
| 2 | TIPPER |
| 78 | TIPPER |
| 1 | TIME |
| 1 | TIME-IN-SERVICE |
| 1 | TIME-INWILL |
| 16 | TIPES |
| 2 | TIPING |
| 1 | TIPPLE |
| 1 | TIPPLING |
| 3 | TION |
| 2 | TIONS |
| 3 | TIP |
| 2 | TIPPING |
| 4 | TIPS |
| 2 | TIRE |
| 1 | TIRED |
| 2 | TIRES |
| 4 | TISSUE |
| 1 | TISSUES |

| | |
|------|-------------|
| 1 | TITLE |
| 3 | TL-13A |
| 1 | TL13A |
| 13 | TH |
| 6 | TMS |
| 2 | TNT |
| 1936 | TO |
| 1 | TUCE |
| 1 | TU-- |
| 1 | TUDAY |
| 7 | TUE |
| 2 | TUFS |
| 98 | TUGETHER |
| 4 | TULD |
| 4 | TU' |
| 9 | TUNE |
| 5 | TUIGS |
| 4 | TUIGUE |
| 1 | TUIGUES |
| 3 | TUIS |
| 18 | TUN |
| 31 | TUFL |
| 1 | TUFLIS |
| 2 | TUFLBOX |
| 1 | TUFLHEAD |
| 2 | TUNLRUGH |
| 53 | TUFLS |
| 2 | TUTH |
| 2 | TUNTHARUSH |
| 109 | TUP |
| 2 | TUP-EYE |
| 4 | TOPOGRAPHIC |
| 2 | TUFS |
| 1 | TUF |
| 2 | TURN |
| 2 | TUSS |
| 9 | TOTAL |
| 2 | TUI-SAND |
| 16 | TUICP |
| 1 | TUICHD |
| 3 | TUICHES |
| 3 | TUICHING |
| 1 | TUIGH |
| 1 | TUIGHER |
| 5 | TUCKET |

| | |
|----|------------------|
| 2 | TUV |
| 19 | TUNARD |
| 1 | TUNAPUS |
| 1 | TUNEL |
| 16 | TUNER |
| 1 | TUNER--ONE |
| 1 | TUNERS |
| 4 | TUNING |
| 1 | TUVJUK |
| 1 | TRA |
| 1 | TRACE |
| 1 | TRACKED |
| 1 | TRADITION |
| 2 | TRAUCC |
| 9 | TRAFFIC |
| 4 | TRAIL |
| 1 | TRAILER |
| 2 | TRAILS |
| 5 | TRAIN |
| 1 | TRAINCHALLENGING |
| 1 | TRAINCOURSES |
| 6 | TRAINED |
| 1 | TRAININGLES |
| 88 | TRAINING |
| 1 | TRAINLISTING |
| 1 | TRANSMITTING |
| 1 | TRANSCAPS |
| 2 | TRANSPERPING |
| 2 | TRANSTORIZED |
| 25 | TRANSMISSION |
| 7 | TRANSMISSIONS |
| 7 | TRANSMIT |
| 3 | TRANSMITS |
| 3 | TRANSMITTED |
| 6 | TRANSMITTER |
| 2 | TRANSMITTING |
| 26 | TRANSUM |
| 7 | TRANSUMS |
| 1 | TRANSPORT |
| 3 | TRANSPORATION |
| 4 | TRANSPORTED |
| 93 | TRANSPORTER |
| 1 | TRANSPORTERS |
| 1 | TRANSPORTING |
| 2 | TRAPS |

| | |
|----|------------------|
| 1 | TRANSMISSION |
| 1 | TRASPUNTER |
| 9 | TRAVEL |
| 1 | TRAVELING |
| 1 | TRAVELS |
| 2 | TRAVERSING |
| 6 | TRAY |
| 3 | TRFAD |
| 10 | TRFAT |
| 3 | TRFATED |
| 4 | TRFATMENT |
| 6 | TRFEE |
| 14 | TRFES |
| 1 | TRFENDOUS |
| 1 | TRFENCKS |
| 9 | TRFENCH |
| 22 | TRFESTLE |
| 1 | TRFESTLE-BRACING |
| 9 | TRFESTLES |
| 22 | TRFUGER |
| 1 | TRIGGERS |
| 1 | TRIM |
| 2 | TRIP |
| 4 | TRIPLE |
| 4 | TRIPLE-TRUSS |
| 3 | TRIPID |
| 1 | TRIPID-MOUNTED |
| 1 | TRIPPIPE |
| 5 | TRIPKIRE |
| 31 | TRIPKINES |
| 8 | TRIPPS |
| 1 | TRIP |
| 1 | TRIPFLE |
| 5 | TRIPFLESHOOTING |
| 2 | TRIPUGH |
| 1 | TRIFUSERS |
| 2 | TRICK |
| 1 | TRIE |
| 1 | TRIPLY |
| 1 | TRIPNION |
| 12 | TRISS |
| 3 | TRISSES |
| 7 | TRY |
| 1 | TRYUUT |
| 27 | TURE |

| | |
|-----|---------------|
| 4 | TURES |
| 2 | TURING |
| 1 | TURE |
| 1 | TURING |
| 2 | TURNEL |
| 1 | TUFF |
| 38 | TURN |
| 4 | TURNUCKLE |
| 7 | TURNU |
| 22 | TURNING |
| 20 | TURNS |
| 1 | TWENTY-TWO |
| 1 | TWICE |
| 2 | TWIGS |
| 3 | TWIN |
| 3 | TRINE |
| 11 | TRIST |
| 2 | TRISTED |
| 3 | TRISTING |
| 1 | TRITCHING |
| 185 | TRF |
| 1 | TRF-HAND |
| 1 | TRF-KAN |
| 1 | TRF-THIRDS |
| 8 | TYING |
| 24 | TYPE |
| 20 | TYPES |
| 1 | TYPICAL |
| 1 | T55 |
| 1 | T62 |
| 7 | U |
| 1 | U-FULT |
| 2 | U-PULTS |
| 1 | U-IT-DESCRIBE |
| 1 | U-SHAPE |
| 5 | U-SHAPED |
| 1 | U-SLUTS |
| 2 | UAL |
| 1 | UATION |
| 1 | UL-HANDLED |
| 2 | ULT |
| 1 | ULTIMATE |
| 1 | UNABLE |
| 1 | UNAPPLIED |
| 2 | UNASSEMBLED |

| | |
|-----|-----------------|
| 2 | UNATTENDED |
| 13 | UNAUTHORIZED |
| 2 | UNARMED |
| 1 | UNCLASSIFIED |
| 1 | INCORPORABLE |
| 1 | UNCOMPLETED |
| 6 | UNCONSCIOUS |
| 1 | UNCONSCIOUSNESS |
| 1 | UNCONTAMINATED |
| 1 | UNCONTROLLED |
| 4 | UNCORRECTABLE |
| 4 | UNCORRECTED |
| 2 | UNCOVER |
| 2 | UNCOVERED |
| 1 | UNCRESS |
| 1 | UNFACED |
| 132 | UNFER |
| 1 | UNFERBUSH |
| 2 | UNFERCLOTHING |
| 1 | UNFERGMENTS |
| 1 | UNFERGL |
| 1 | UNFERGONTH |
| 2 | UNFERHEATH |
| 1 | UNFERHIE |
| 6 | UNFERSTAND |
| 1 | UNFERSTANDING |
| 1 | UNFERSTAKEN |
| 2 | UNFERSTATER |
| 1 | UNFERUAL |
| 1 | UNFERPLAINED |
| 1 | UNFASTEN |
| 1 | UNFASTENED |
| 4 | UNFOLD |
| 1 | UNFOLDED |
| 4 | UNFOLDING |
| 1 | UNFOLDS |
| 1 | UNLUCK |
| 1 | UNLUCKED |
| 1 | UNIDENTIFIED |
| 6 | UNIFORM |
| 1 | UNINJURED |
| 2 | UNIN |
| 2 | UNIQUE |
| 1 | UNISON |
| 127 | UNIT |

| | |
|-----|-------------|
| 1 | INCLINIC |
| 2 | INCLINIC |
| 1 | INCLINIC |
| 21 | UPON |
| 24 | UPPER |
| 6 | UPRIGHT |
| 2 | UPRILE |
| 2 | UPSTREAM |
| 1 | UPSWEPT |
| 9 | UPWARD |
| 2 | UPRATING |
| 1 | UPRATING |
| 8 | US |
| 1 | USA |
| 2 | USABLE |
| 1 | USAGE |
| 172 | USE |
| 311 | USED |
| 3 | USEFUL |
| 1 | USELESS |
| 1 | USER |
| 9 | USES |
| 1 | USHAPED |
| 136 | USING |
| 1 | USUAL |
| 16 | USUALLY |
| 2 | UTILITY |
| 1 | UTILIZATION |
| 3 | UTILIZED |
| 2 | UTILIZING |
| 8 | V |
| 1 | V-AGENTS |
| 1 | V-REITS |
| 1 | VA |
| 1 | VAGENTS |
| 1 | VALLEY |
| 1 | VALLEYS |
| 1 | VALUE |
| 19 | VALVE |
| 8 | VALVES |
| 10 | VAPOR |
| 1 | VARIABLE |
| 1 | VARIATIONS |

| | |
|----|-------------|
| 2 | VARIETY |
| 3 | VARIOMETER |
| 8 | VARIOUS |
| 5 | VARY |
| 10 | VEGETATION |
| 99 | VEHICLE |
| 19 | VEHICLES |
| 3 | VEHICULAR |
| 1 | VELOCITY |
| 1 | VEH |
| 7 | VENT |
| 3 | VENTILATION |
| 1 | VEPBALLY |
| 2 | VEIFY |
| 1 | VEESA |
| 1 | VERSE |
| 25 | VERTICAL |
| 4 | VERTICALLY |
| 1 | VERTICALS |
| 15 | VEPY |
| 3 | VERICANT |
| 11 | VESSEL |
| 6 | VESSELS |
| 1 | VI |
| 1 | VIALE |
| 1 | VIBRATION |
| 1 | VICE |
| 11 | VICINITY |
| 1 | VICTIM |
| 1 | VICTORY |
| 1 | VIGUALS |
| 1 | VIETNAM |
| 6 | VIFW |
| 3 | VICMED |
| 2 | VIEWS |
| 1 | VIR |
| 1 | VILLAGE |
| 1 | VILLAGES |
| 1 | VINEYARDS |
| 1 | VILLATIONS |
| 1 | VIRGINIA |
| 1 | VISE-HANDED |
| 1 | VISES |
| 1 | VISIBILITY |
| 11 | VISIBLE |

| | |
|----|-----------------|
| 6 | VISION |
| 1 | VISIT |
| 1 | VISUR |
| 13 | VISUAL |
| 17 | VISUALLY |
| 2 | VITAL |
| 1 | VUW |
| 5 | VOICE |
| 2 | VOICEHITTER |
| 4 | VOLTAGE |
| 1 | VULTS |
| 10 | VOLUME |
| 3 | VUNIT |
| 13 | VUNITING |
| 2 | VUP |
| 2 | VP |
| 2 | VP200 |
| 3 | VULNERABILITIES |
| 2 | VULNERABILITY |
| 1 | VULNERABLE |
| 1 | W |
| 1 | W/F |
| 1 | W/VELAW |
| 2 | WAIST |
| 1 | WAISTLINE |
| 11 | WAIT |
| 1 | WAIT-LUT |
| 1 | WAITING |
| 3 | WALK |
| 1 | WALKIN |
| 8 | WALKING |
| 2 | WALKWAY |
| 2 | WALL |
| 2 | WALT |
| 2 | WATTS |
| 6 | WAR |
| 6 | WARFARE |
| 10 | WAPH |
| 2 | WAPN |
| 2 | WAPNED |
| 1 | WARNING |
| 27 | WARNING |
| 1 | WARNING-NEVER |
| 1 | WARNINGS |
| 1 | WARS |

| | | |
|-----|-----------------|--|
| 23 | WAS | |
| 9 | WASH | |
| 2 | WASHED | |
| 2 | WASHER | |
| 2 | WASHING | |
| 1 | WASHINGTON | |
| 3 | WASTE | |
| 2 | WATCH | |
| 2 | WATCHES | |
| 1 | WATCHING | |
| 193 | WATER | |
| 1 | WATER-RESISTANT | |
| 1 | WATERIS | |
| 3 | WATERPROOF | |
| 2 | WATERPROOFED | |
| 1 | WATERS | |
| 2 | WATERTIGHT | |
| 4 | WAVE | |
| 1 | WAVES | |
| 25 | WAY | |
| 3 | WAYS | |
| 1 | WU-L/TT | |
| 1 | WU-L | |
| 4 | WE | |
| 1 | WE-11 | |
| 1 | WEA | |
| 7 | WEAK | |
| 1 | WEAKENED | |
| 1 | WEAKNESS | |
| 1 | WEAKNESSES | |
| 50 | WEAPON | |
| 2 | WEAPON'S | |
| 1 | WEAPONRY | |
| 20 | WEAPONS | |
| 1 | WEAPONS | |
| 16 | WEAR | |
| 8 | WEARING | |
| 21 | WEATHER | |
| 6 | WEATHERPROOF | |
| 3 | WEF | |
| 1 | WEDGE | |
| 1 | WEDGES | |
| 2 | WEDOS | |
| 1 | WEEK | |
| 2 | WEEKLY | |

| | |
|-----|------------------|
| 4 | WEAKS |
| 15 | WEIGH |
| 16 | WEIGHING |
| 29 | WEIGHS |
| 13 | WEIGHT |
| 1 | WELO |
| 10 | WELOED |
| 1 | WELOS |
| 1 | WELFARE |
| 01 | WELL |
| 1 | WELL-COORDINATED |
| 4 | WELLS |
| 1 | WELLTRAINED |
| 5 | WEPE |
| 1 | WEFICAN |
| 3 | WEST |
| 2 | WESTERN |
| 16 | WET |
| 1 | WETNESS |
| 23 | WHAT |
| 1 | WHATSOEVER |
| 1 | WHATSOEVER |
| 27 | WHEFL |
| 7 | WHEFLED |
| 6 | WHEFELS |
| 1 | WHICH |
| 310 | WHEN |
| 10 | WHENEVER |
| 39 | WHENE |
| 1 | WHEREVER |
| 1 | WHET |
| 1 | WHETHER |
| 5 | WHETSTONE |
| 1 | WHETTING |
| 2 | WHICH |
| 190 | |
| 1 | WHICHEVER |
| 51 | WHILE |
| 1 | WHILE-- |
| 1 | WHIPLASH |
| 1 | WHIPPING |
| 1 | WHIPS |
| 1 | WHISKEY |
| 7 | WHISTLE |
| 12 | WHITE |
| 1 | WHITISH |

| | |
|-----|-------------|
| 9 | WMC |
| 4 | WMCLE |
| 1 | WMCN |
| 1 | WMCSE |
| 2 | WMCY |
| 30 | WIDE |
| 1 | WIDELY |
| 4 | WIDTY |
| 2 | WIDCN |
| 2 | WILL |
| 41 | WILL |
| 2 | WILL-- |
| 1 | WILLARD |
| 1 | WILLING |
| 1 | WILT |
| 71 | WIRCH |
| 1 | WIRCHED |
| 2 | WIRCHING |
| 4 | WIRCU |
| 3 | WIRUAGE |
| 1 | WIRUING |
| 3 | WIRUUM |
| 1 | WIRUSHIELD |
| 1 | WIRUY |
| 1 | WIRG |
| 7 | WIRE |
| 1 | WIRER |
| 1 | WIRING |
| 146 | WIRE |
| 3 | WIRE/BARBED |
| 50 | WIRES |
| 2 | WIRING |
| 1 | WISS |
| 69 | WISN |
| 2 | WITDRAM |
| 2 | WITDRAMAL |
| 1 | WITDRAMING |
| 1 | WITHER |
| 68 | WITHIN |
| 77 | WITHOUT |
| 1 | WITHSTAND |
| 1 | WUTEN |
| 1 | WUTIT |
| 12 | WUOD |
| 1 | WUPSED |

| | |
|----|-------------|
| 18 | WIPDEN |
| 2 | WIPDS |
| 1 | WUFL |
| 14 | WURU |
| 1 | WUJING |
| 4 | WURDS |
| 22 | WURK |
| 2 | WURKER |
| 2 | WURKERS |
| 15 | WURKING |
| 1 | WURKS |
| 2 | WORKSHEET |
| 4 | WUPLD |
| 1 | WURH |
| 12 | WUPH |
| 12 | WUULD |
| 39 | WUIND |
| 2 | WUINGED |
| 8 | WUINDS |
| 4 | WU |
| 4 | WUAP |
| 1 | WUAP-AROUND |
| 4 | WUAPPED |
| 1 | WUAPPER |
| 3 | WUAPPING |
| 5 | WUAPS |
| 4 | WUFCYING |
| 27 | WUFRICH |
| 2 | WUFRICHES |
| 1 | WUENCHING |
| 1 | WUINPLED |
| 1 | WUIPPLES |
| 2 | WUISTS |
| 1 | WUIT- |
| 1 | WUITPARTS |
| 7 | WUITTEN |
| 2 | WUING-AFTER |
| 1 | WUINGLY |
| 2 | WUING |
| 7 | WU |
| 5 | X |
| 1 | XRAY |
| 1 | Y |
| 1 | YAG |
| 1 | YATKEE |

| | |
|-----|-----------|
| 2 | YAFDS |
| 1 | YEAR |
| 1 | YEASLATER |
| 1 | YELL |
| 9 | YELLOW |
| 1 | YIELD |
| 14 | YUKE |
| 1 | YUKN |
| 307 | YU |
| 1 | YUURE |
| 1 | YUINGER |
| 202 | YUUR |
| 15 | YUURSELF |
| 1 | Z |
| 1 | ZE |
| 4 | ZE-KD |
| 9 | ZEPO |
| 4 | ZEPOED |
| 1 | ZEKUS |
| 1 | ZUPE |
| 1 | ZUN |
| 1 | ZULU |

NR0421 END SORT PH
NR0422 INSERT 6322, DELETE 6322
NR0423 DATA BIAS = 14
NR0424 TRK OVER-ALLOC FACTOR= PRIM/USE0.1
NR0425 RCU IN
NR0426 TPFIS APPLIED 1234
NR0427 END SYNCSECT OPT= N, THERO107DUMP

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WE ACCEPT OUR SOCIAL RESPONSIBILITY

HFACFZ OUT=COL,CNN= 'FREQUENCY/WORD',

HEACEPZ GU1=C33,CPN=FREQUENCY/HURO.

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44-38861-7436-103, CPH = FREQUENCY/WORD.

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PTVC CUT=39CCL=SPACLEN=137

1-16-74 : 104-101-101
MCMF ID-T-01 = COLLENS
204-101-101 = STAGBLEN-102

MRVE 14-6-417-H-LEN-25

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MAVE 14, U. 1-65012125

MCVE IN=6, CUL=72, LEI=25

REF ID: A66545

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Curve 14, 6, 11 = 103, LEN = 25

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FREQUENCY/WORD

| | | | |
|-----------------|-----------------|----------------|---------------|
| 6,372 THE | 2,360 AND | 1,920 TO | 1,816 OF |
| 1,470 A | 1,130 IS | 1,065 IN | 930 N |
| 787 CR | 767 RE | 713 FOR | 704 ON |
| 649 WITH | 641 FM | 530 ARE | 436 BY |
| 419 IT | 411 WILL | 358 FROM | 383 AS |
| 377 IF | 335 THAT | 331 NOT | 311 USFD |
| 310 WHEN | 307 YOU | 304 AT | 282 YOUR |
| 266 TASK | 265 POSITION | 257 AN | 244 BRIDGE |
| 241 END | 231 THIS | 228 ONE | 200 FIRING |
| 154 SHOULD | 191 REMOVE | 150 ALL | 190 WHICH |
| 185 TWO | 184 EACH | 182 CONDITIONS | 180 OTHER |
| 180 FIVE | 178 MINE | 172 CAP | 172 USF |
| 165 LEFT | 168 MAY | 166 INTO | 159 CAN |
| 155 RESUMES | 152 PLACE | 153 FIG | 153 WATER |
| 150 DAY | 146 CHECK | 146 WIRE | 144 DO |
| 137 HAS | 130 MUST | 136 USING | 135 BLASTING |
| 125 NUMBER | 134 PERFORMANCE | 132 UNDER | 130 ASSEMBLY |
| 127 UNIT | 125 INCHES | 125 PANEL | 124 LEVEL |
| 122 LADY | 119 SAFETY | 115 FIRE | 114 STANDARDS |
| 114 THROUGH | 113 RAY | 113 TH | 112 UNTIL |
| 111 SET | 109 TLP | 107 HAVE | 107 SO |
| 105 FEEL | 106 HIS | 105 COVER | 104 DVFR |
| 103 TURNING | 101 THEN | 100 COVER | 99 B |
| 59 MAINTENANCE | 99 REFERENCES | 98 CABLE | 98 EQUIPMENT |
| 57 AFTER | 94 FEEL | 93 NOSE | 92 GROUND |
| 52 POINT | 91 DOWN | 90 NOTE | 90 TIFY |
| 82 FULL | 88 PEAK | 88 TRAINING | 86 SIDE |
| 80 TEST | 85 FIGURE | 84 LP | 83 FIRST |
| 82 PUT | 80 LINE | 80 SYSTEM | 78 ARTA |
| 78 RETAFER | 78 INSPECT | 77 TIME | 77 CONTROL |
| 77 ELUTATING | 77 MAKE | 77 WITHOUT | 75 FRONT |
| 75 PAUL | 75 SKILL | 74 OPERATOR | 73 LEVER |
| 73 LOXER | 74 SULTIER | 72 FORM | 72 HOLD |
| 72 PERSONNEL | 72 TIE | 71 THAN | 71 WITH |
| 70 FLEURE | 70 C | 70 OPERATION | 70 THESE |
| 69 FIVE | 69 MORE | 68 AGAINST | 68 CLEAR |
| 69 PARUAL | 68 NO | 68 PAKA | 68 PEPPER |
| 69 RELEASE | 68 TASKS | 68 WITHIN | 67 RCLT |
| 67 FIELD | 67 FUZE | 67 SUPPORT | 67 THEM |
| 66 INSURE | 66 SAME | 66 SPECIFIC | 65 CARRYING |
| 65 PRESSURE | 64 LONG | 64 ROLLER | 63 FOLLOWING |
| 63 LILE | 62 ALSO | 62 MAP | 62 RIFLE |
| 61 JACK | 61 PART | 61 THERE | 61 NFIL |
| 60 ELUCK | 60 CURU | 60 PINS | 59 CHEMICAL |
| 59 LECK | 59 DEVICE | 59 ROPE | 59 VEHICLE |
| 58 ABOVE | 58 LINES | 58 MASK | 58 TUPN |
| 57 FORWARD | 57 PROPER | 56 BACK | 56 BEAM |
| 56 PLACED | 56 TARGET | 55 CASUALTY | 55 COMPONENTS |
| 55 PREPARATIONS | 54 FUSE | 54 ITS | 54 PILES |
| 54 PREVENT | 54 REFERENCE | 54 SIGHT | 54 SITUATION |

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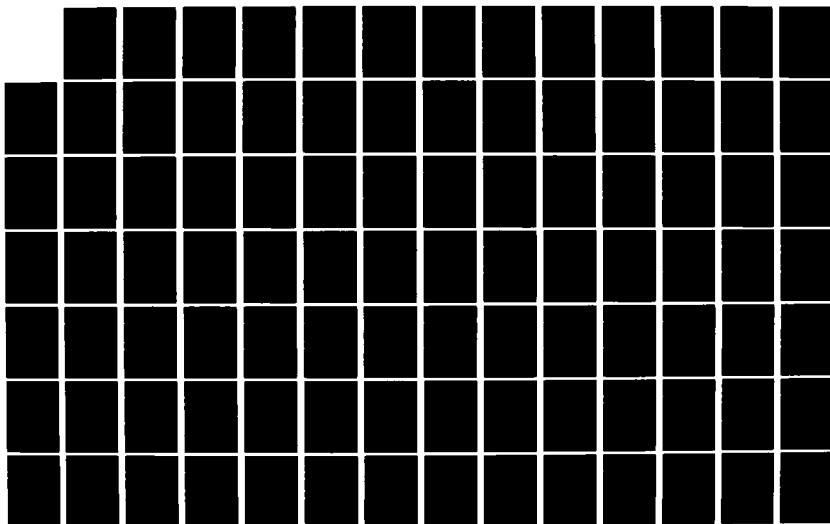
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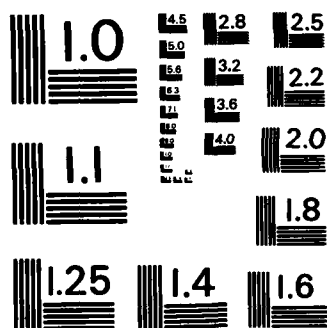
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| | | | |
|-------------------|---------------|------------------|------------------|
| 53 AIR | 53 APPLY | 53 BELOW | 53 GRENADE |
| 53 POUNDS | 53 TUDLS | 53 TRANSPORTER | 52 AGENTS |
| 52 AVAILABLE | 52 BAR | 52 BEFN | 52 BATH |
| 52 LIGHT | 52 OPERATING | 51 CAUSE | 51 CATER |
| 51 PETERS | 51 PARIS | 51 PROTECTIVE | 51 TEC |
| 51 MILE | 50 RUTIM | 50 DETECTOR | 50 DRIVE |
| 50 TAPM | 50 FREE | 50 INDIVIDUAL | 50 KEPP |
| 50 BEAPON | 50 WIRES | 49 ADOUT | 49 APCUND |
| 49 GUTED | 49 IDENTIFY | 49 INSTALL | 49 MAINTAIN |
| 49 METHED | 49 MOVE | 49 POSSIBLE | 49 PRECEDURES |
| 48 CRFNAUES | 48 LEFT | 48 PLUG | 48 POST |
| 48 FIGHT | 48 TOGETHER | 47 BUGY | 47 FLT |
| 47 DAMAGE | 47 HE | 47 LEAVY | 47 SECURE |
| 46 PRECTION | 46 INSERT | 46 MOTO | 46 UPFN |
| 45 BASE | 45 DUES | 45 FOUR | 45 RING |
| 45 SKIN | 45 ADAPTER | 44 D | 44 DA |
| 44 EITHER | 44 ENOUGH | 44 LAUNCHING | 44 RAMP |
| 44 RANGE | 44 STANDARD | 43 CONNECT | 43 ENGAGE |
| 43 NECESSARY | 43 PUT | 43 RECEIVER | 43 RCD |
| 43 SPECIAL | 42 DEMULITION | 42 ENVIRONMENTAL | 42 I |
| 42 LENGTH | 42 LIFTING | 42 LOAD | 42 MAGAZINE |
| 42 TFF | 42 PANELS | 42 SOLDIER'S | 42 SPRING |
| 42 THREE | 41 ALLUM | 41 CLEAN | 41 ENFS |
| 41 REQUIRED | 41 SUCH | 41 SUPE | 40 AGFNT |
| 40 ARMY | 40 RALK | 40 GENERAL | 40 GTPDR |
| 40 RULES | 40 HOUR | 40 REMOVED | 40 REPLAC |
| 40 STELL | 40 TAKE | 39 CIRCUIT | 39 ELCTRIC |
| 39 FLAT | 39 LUOSE | 39 WHERE | 39 NOIR |
| 38 PRUP | 37 AID | 37 APPROXIMATELY | 37 CAMPUS |
| 37 CURRENT | 37 ENGINE | 37 METAL | 37 MOVING |
| 37 PROPELLER | 36 APPLICABLE | 36 ATTACH | 36 CHARGE |
| 36 DETERMINE | 36 HIGH | 36 LAUNCH | 36 MINUTES |
| 36 PREPARE | 36 PUSH | 35 BEING | 35 CASE |
| 35 FLT | 35 EFFECTS | 35 FRAME | 35 PLGAL |
| 35 FLER | 35 ROUNDS | 35 SOME | 35 SWITCH |
| 34 ASSAULT | 34 CLIMING | 34 EXCEPT | 34 MULTIP |
| 34 LAISE | 34 SHORT | 34 TAPE | 33 AMPLIFICATION |
| 33 CAPS | 33 E | 33 LEAD | 33 INDIVIDUAL |
| 33 SUBJECT | 33 OUTLINED | 33 RAFT | 33 SECOND |
| 33 SIGNAL | 33 SOLDIERS | 32 ACTION | 32 APPROPRIATE |
| 32 DISTANCE | 32 FIVE | 32 FOOT | 32 MIP |
| 32 LOCATION | 32 MADE | 32 PGO | 32 OPTIMATE |
| 32 SAFE | 32 SECTION | 31 BRACKET | 31 CAPT |
| 31 CHARGES | 31 COMPLETE | 31 ELECTRICAL | 31 FACE |
| 31 HYDRAULIC | 31 INJURY | 31 LOCK | 31 HULLFAP |
| 31 ORGANIZATIONAL | 31 SPEED | 31 TURL | 31 TRIPWIPES |
| 31 UNITS | 30 AREAS | 30 CASUALTY'S | 30 COASTERS |
| 30 CIR | 30 INCH | 30 KNOT | 30 LATCH |
| 30 PAPER | 30 SEARCH | 30 THOSE | 30 WIFE |
| 29 CREW | 29 DAYLIGHT | 29 ENGINEER | 29 GIVE |

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| 29 | ATT | 29 | LEANS | 29 | LIFT | 29 | MAIN |
| 29 | PLATE | 29 | PRIMING | 29 | SINGLE | 29 | STOP |
| 29 | SUPERSTRUCTURE | 29 | WEIGHS | 28 | ANCHOR | 28 | ARMING |
| 28 | AWAY | 28 | BANKSEAT | 28 | BATTERY | 28 | CLUSE |
| 28 | TRY | 28 | EXPLOSIVES | 28 | PEN | 28 | MCS |
| 28 | COIN | 28 | NEAR | 28 | ADNAL | 28 | POSTS |
| 28 | PRESENT | 28 | PROPERLY | 28 | REPAIR | 28 | ROUND |
| 28 | SADLE | 28 | THEIR | 27 | BARREL | 27 | CAPATER |
| 27 | DAMAGED | 27 | RECT | 27 | FOLLOW | 27 | NEVER |
| 27 | FORMALLY | 27 | OBJECTS | 27 | POSITIONS | 27 | RADIC |
| 27 | FULL | 27 | SEE | 27 | SOT | 27 | START |
| 27 | SLEAF | 27 | TUBE | 27 | WARNING | 27 | WRENCH |
| 28 | ANCHOR | 26 | ATTACHED | 26 | CARRY | 26 | COHAT |
| 26 | CRECS | 26 | DIAETER | 26 | CRUM | 26 | INSTALLED |
| 26 | LEAST | 26 | NECK | 26 | S | 26 | SITE |
| 26 | SMALL | 26 | TARGETS | 26 | TRANSOM | 26 | BARRED |
| 25 | POW | 25 | RUFER | 25 | CHECKS | 25 | CONNECTED |
| 25 | EQUIPMD | 25 | EXPUSED | 25 | EXTENSION | 25 | HELD |
| 25 | LOCATED | 25 | MILITARY | 25 | INSIDE | 25 | LARGE |
| 25 | FULLMS | 25 | TRANSMISSION | 25 | CUTTHARP | 25 | POINTS |
| 26 | COPLSS | 25 | RECAUSE | 25 | VERTICAL | 25 | KAY |
| 26 | PAUS | 24 | HITCH | 24 | CHEST | 24 | CONNECTORS |
| 26 | PACHMEGUN | 24 | MARINE | 24 | LAW | 24 | LESSON |
| 26 | PUSH-BAR | 24 | SLJNG | 24 | MATERIAL | 24 | PROVIDE |
| 26 | UPPER | 24 | AUGUST | 24 | SQUARE | 24 | TYPE |
| 23 | COCCENTINA | 23 | CONNECTING | 23 | BOMB | 23 | CAPTER |
| 23 | EASILY | 23 | GALVANOMETER | 23 | CONTAMINATED | 23 | DETURATE |
| 23 | INSTRUCTIONS | 23 | JACKS | 23 | IMMEDIATELY | 23 | INJURIES |
| 23 | SECION | 23 | OPERATIONS | 23 | LOCKING | 23 | PAPK |
| 22 | RIPPOICAL | 23 | THRUTLE | 23 | POSITIVE | 23 | RECORD |
| 22 | VERY | 22 | CHAPTER | 23 | WAS | 23 | WHAT |
| 22 | PETALIC | 22 | FUEL | 22 | CLIP | 22 | DEFP |
| 22 | TRFSTE | 22 | PINNED | 22 | MULOTING | 22 | LUCS |
| 22 | FLIK | 22 | TRIGGER | 22 | SECOND | 22 | STERN |
| 21 | ELCKS | 21 | AHLE | 22 | TURNING | 22 | WHEEL |
| 21 | CARTEN | 21 | AKALING | 21 | AINING | 21 | ATTEMPT |
| 21 | CONTINUE | 21 | CAUTION | 21 | BRACKETS | 21 | OPFATHING |
| 21 | IMMEDIATE | 21 | FIRE | 21 | CLEANING | 21 | COMPLETED |
| 21 | LEPER | 21 | KNOW | 21 | FOREIGN | 21 | GET |
| 21 | IPF | 21 | PERFORMED | 21 | LASHING | 21 | OUTSIDE |
| 20 | PLIS | 21 | WEATHER | 21 | SHEAPPIN | 21 | TICHTEN |
| 20 | CLUTION | 20 | KNIGES | 20 | ADDITIONAL | 20 | ASSIST |
| 20 | EYES | 20 | DEPRESS | 20 | BUILDING | 20 | RUTION |
| 20 | HALF | 20 | FULL | 20 | DIRECTLY | 20 | EVEN |
| 20 | NEXT | 20 | INFORMATION | 20 | FURTHER | 20 | G |
| 20 | PREPARED | 20 | PICKETS | 20 | JOB | 20 | LOCATE |
| 20 | PETAJNING | 20 | PROCEDURE | 20 | PLACING | 20 | PNEUMATIC |
| 20 | SIMILAR | 20 | RIBBON | 20 | PROTECT | 20 | RAIL |
| | | 20 | SPICE | 20 | SCREW | 20 | SIGNALS |
| | | 20 | | 20 | STEPS | 20 | SUPERVISOR |

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|----|-------------|----|---------------|----|---------------|----|---------------|
| 20 | TURNS | 20 | TYPES | 20 | WEAPONS | 19 | ALLAYS |
| 19 | ASSIGNED | 19 | ARMEN | 19 | CHAIN | 19 | CHAP |
| 19 | CLEIN | 19 | CONNECTIONS | 19 | CUNSTRUCTION | 19 | CRANF |
| 19 | DESIGNATED | 19 | DISARM | 19 | DONE | 19 | DRESSING |
| 19 | FLIGHTS | 19 | FRAGMENTATION | 19 | GRID | 19 | HIGHER |
| 19 | FLICKS | 19 | HUXEVER | 19 | ISSUED | 19 | HAVING |
| 19 | FLSI | 19 | MOVEMENT | 19 | NATURAL | 19 | PASS |
| 19 | FAY | 19 | PIELE | 19 | PIVOT | 19 | PROTECTION |
| 19 | REDUCE | 19 | REPORT | 19 | RETURN | 19 | SCALP |
| 19 | SEVERAL | 19 | SLIDE | 19 | STAKES | 19 | TOWARD |
| 19 | VALVE | 19 | VEHICLES | 19 | ARM | 19 | TOWARD |
| 19 | COLOR | 19 | DETUNATION | 19 | EXPLOSIVE | 19 | TOGARD |
| 19 | FIRMLY | 19 | FLASH | 19 | GUED | 19 | FASTEN |
| 19 | JAK | 19 | JCSI | 19 | LANDING | 19 | GRAND |
| 19 | MATERIALS | 19 | PARAGRAPH | 19 | PERSON | 19 | LATCHES |
| 19 | PROTECTION | 19 | PUMP | 19 | RECEIVE | 19 | PCATCH |
| 19 | ROTATE | 19 | SHIPPING | 19 | SHOWN | 19 | REMOVING |
| 19 | TCL | 19 | WUDDEN | 19 | APPLIED | 19 | STEP |
| 19 | REFLECTING | 19 | ANACE | 19 | BRANCH | 19 | RECINE |
| 19 | CLIPFLECTR | 19 | CHALKS | 19 | CRITICAL | 19 | BLFN |
| 19 | REPUTATIONS | 19 | DESIRE | 19 | EXPOSURE | 19 | CLPMFHY |
| 19 | FAULTS | 19 | FLUATS | 19 | FOUND | 19 | F |
| 19 | CRASP | 19 | KNOWN | 19 | LISTED | 19 | GIPERS |
| 19 | PREVIOUS | 19 | SCOPE | 19 | SHOULDER | 19 | PHYSICAL |
| 19 | TERMAIN | 19 | THUMB | 19 | VISUALLY | 19 | SYMPARE |
| 19 | PREACTION | 19 | CAREFULLY | 19 | CARRIED | 19 | DCATS |
| 19 | DEFENSIVE | 19 | CUMSE | 19 | DECUMINATE | 19 | COMMANFER |
| 19 | FACEPIECE | 19 | DESIGNED | 19 | DIG | 19 | DEFENSE |
| 19 | CLAMP | 19 | FEATURES | 19 | FRIENDLY | 19 | DECLHLE |
| 19 | PERIZONTAL | 19 | HARUTODLS | 19 | FARD | 19 | FULLY |
| 19 | LAMP | 19 | IMPACT | 19 | INTERIOR | 19 | WORLD |
| 19 | MISSING | 19 | LAUNCHER | 19 | LAY | 19 | ITEMS |
| 19 | FOGLE | 19 | N2 | 19 | NRC | 19 | MACHINE |
| 19 | PERNT | 19 | PRICE | 19 | PAINT | 19 | NOTED |
| 19 | SIGNS | 19 | RADIATION | 19 | RESUSCITATION | 19 | PER |
| 19 | SUITABLE | 19 | SINGLE | 19 | SMOKE | 19 | REVERSP |
| 19 | TOXER | 19 | TACTICAL | 19 | TIMES | 19 | STW |
| 19 | LET | 19 | USUALLY | 19 | NEAR | 19 | TOLCH |
| 19 | PASIC | 19 | ALONG | 19 | ANGLE | 19 | WEIGHING |
| 19 | CRANCE | 19 | RENU | 19 | CAPACITY | 19 | ARMS |
| 19 | CUNTRALS | 19 | CLUICH | 19 | CONSTRUCT | 19 | CAUSED |
| 19 | FLORAMP | 19 | DISCHARGE | 19 | FINGERS | 19 | COMTAMINATION |
| 19 | FEAT | 19 | FRACTURE | 19 | GU | 19 | FLANGE |
| 19 | INCH | 19 | HUMS | 19 | IDENTIFIED | 19 | HEART |
| 19 | PLACEMENT | 19 | LEGS | 19 | LUN | 19 | II |
| 19 | ROTATA | 19 | MEANS | 19 | MEDICAL | 19 | MAR |
| 19 | PULLING | 19 | OWDERS | 19 | PEDAL | 19 | MIL |
| 19 | SIZE | 19 | REF | 19 | ROADWAY | 19 | PICKY |
| 19 | STRIP | 19 | SLIGHTLY | 19 | SOIL | 19 | SIFES |
| 19 | | 19 | SVAT | 19 | TAKEN | 19 | STERRING |
| 19 | | 19 | | 19 | | 19 | TAK |

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|----|-------------|----|-------------|----|----------------|----|------------|
| 13 | THRU | 13 | VERY | 13 | WORKING | 13 | YOURSELF |
| 14 | ACCESSORIES | 14 | AIRCRAFT | 14 | ANTI-PERSONNEL | 14 | ANTITANK |
| 14 | APPENDIX | 14 | AVOID | 14 | BOX | 14 | BURNS |
| 14 | CLOSED | 14 | CONTAINING | 14 | CRIMPERS | 14 | CUTTING |
| 14 | DESIGNED | 14 | DIRECTION | 14 | DISASSEMBLY | 14 | DUAL |
| 14 | ENTRUSTED | 14 | FIELDS | 14 | FILL | 14 | FIFES |
| 14 | FITS | 14 | FIXED | 14 | INCREASE | 14 | INDICATOR |
| 14 | INSERTED | 14 | LOOK | 14 | LOPP | 14 | LUG |
| 14 | MANUALS | 14 | MISSION | 14 | PL | 14 | OPPOSITE |
| 14 | OVERHEAD | 14 | PLAIN | 14 | PLASTIC | 14 | PRIME |
| 14 | PUMPS | 14 | PURPOSE | 14 | REPEAT | 14 | REQUIRE |
| 14 | RESPONSIBLE | 14 | RETAINER | 14 | SECTIONS | 14 | SECURITY |
| 14 | SERIES | 14 | SEVERE | 14 | SHAFT | 14 | SIX |
| 14 | SPECIALIST | 14 | SPECIALIZED | 14 | STILL | 14 | STORY |
| 14 | SYSTEMS | 14 | TECHNIQUES | 14 | TICK | 14 | TIF-DOWN |
| 14 | TIFU | 14 | TIMBER | 14 | TREES | 14 | WORD |
| 14 | YUKE | 13 | ABILITY | 13 | ALINE | 13 | AMOUNT |
| 13 | ATTACK | 13 | BATTERIES | 13 | BEARING | 13 | BRAKE |
| 13 | BUILT | 13 | RURIED | 13 | CAPEFUL | 13 | CHALLENGE |
| 13 | CATR | 13 | CLEARING | 13 | CLIPS | 13 | COLD |
| 13 | CUTTER | 13 | COMPANY | 13 | COMPARTMENT | 13 | DEFECTIVE |
| 13 | DRIVING | 13 | DUTY | 13 | EDGE | 13 | FAP |
| 13 | FIT | 13 | FLAT | 13 | HELP | 13 | INCLUDING |
| 13 | INDIVIDUALS | 13 | INITIAL | 13 | INSPECTION | 13 | LEAVE |
| 13 | LEVELS | 13 | LIST | 13 | LOCKS | 13 | MINUTE |
| 13 | METAL | 13 | NEW | 13 | PARALLEL | 13 | PREVENTIVE |
| 13 | PISTOL | 13 | PSI | 13 | PUSHED | 13 | QUICK |
| 13 | RECOGNIZE | 13 | REPLACEU | 13 | ROAD | 13 | SEAT |
| 13 | SECURELY | 13 | SELECT | 13 | SEPARATE | 13 | SERVICES |
| 13 | STATION | 13 | STRINGERS | 13 | SUFFICIENT | 13 | SUPPLY |
| 13 | TENSION | 13 | TESTED | 13 | TIGHT | 13 | TIGHTLY |
| 13 | VISUAL | 13 | VOMITING | 13 | WEIGHT | 12 | ACTIVELY |
| 12 | ADVANCE | 12 | ALIGNMENT | 12 | APPLICATION | 12 | ARTIFICIAL |
| 12 | CARD | 12 | RAYS | 12 | BEAMS | 12 | CAPTRIDGE |
| 12 | CLEARED | 12 | CLEATS | 12 | CONTACT | 12 | CORRECTLY |
| 12 | CROSSING | 12 | CURB | 12 | DIFFICULT | 12 | DISTANT |
| 12 | EMERGENCY | 12 | EXCESSIVE | 12 | EXPEDIENT | 12 | GROUPS |
| 12 | FAULTING | 12 | HUSES | 12 | LAST | 12 | LESS |
| 12 | FAJUR | 12 | HAN | 12 | MANNER | 12 | MEDIUM |
| 12 | GRIPLE | 12 | MODEL | 12 | M72A2 | 12 | NEEDS |
| 12 | REPVE | 12 | NEX | 12 | PAGE | 12 | PATCH |
| 12 | REFUGU | 12 | PLATES | 12 | POINTED | 12 | PORT |
| 12 | PRESS | 12 | PREVIOUSLY | 12 | PUSHING | 12 | QUICKLY |
| 12 | RAPIDS | 12 | RAISED | 12 | RATE | 12 | REMAIN |
| 12 | RESPIRATION | 12 | RULES | 12 | SELECTOR | 12 | SEPIOUS |
| 12 | SHAMP | 12 | SPOKE | 12 | SLACK | 12 | SLIP |
| 12 | STICK | 12 | STRAIGHT | 12 | SYNOPSIS | 12 | TRISS |
| 12 | INLUAD | 12 | WHITE | 12 | WORD | 12 | WORDN |
| 12 | ALULD | 11 | ADJUSTABLE | 11 | AUDIENCE | 11 | ATP |
| 11 | ALLUING | 11 | APPROACH | 11 | ASSISTANCE | 11 | AUTHORIZED |

FREQUENCY

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|----|-----------------|----|----------------|----|----------------|----|-----------------|
| 11 | FAK | 11 | REL | 11 | BEST | 11 | BIDDING |
| 11 | PLED | 11 | RUPE | 11 | BRUSH | 11 | CAPE |
| 11 | CENTIMETERS | 11 | CLOVE | 11 | COMBINATION | 11 | COMPONENT |
| 11 | COVERED | 11 | DARKNESS | 11 | DATA | 11 | DEATH |
| 11 | CONTAMINATION | 11 | DISCONNECT | 11 | DRAIN | 11 | EARTH |
| 11 | FRATINE | 11 | EXCESS | 11 | FOLLOWED | 11 | FRFELY |
| 11 | LAYING | 11 | HEADSET | 11 | FINGED | 11 | IGNITER |
| 11 | LARD | 11 | LIKE | 11 | LITTER | 11 | LOCSFN |
| 11 | LUBRICATE | 11 | MEASURE | 11 | MECHANISM | 11 | MESSAGE |
| 11 | PUNTING | 11 | MOUTH-TO-MOUTH | 11 | MUD | 11 | MIPAI |
| 11 | REFUELED | 11 | NOISE | 11 | OUTBATHED | 11 | OTHEPS |
| 11 | PASSED | 11 | PERSONAL | 11 | PORTION | 11 | PRINTING |
| 11 | PROFESS | 11 | RUPES | 11 | RULE | 11 | RUNNING |
| 11 | SEAL | 11 | STONE | 11 | STARBOARD | 11 | STARTER |
| 11 | STRING | 11 | SUNFARIES | 11 | TACKLE | 11 | TELEPHONE |
| 11 | THRU | 11 | TWIST | 11 | UNIVERSAL | 11 | UNLESS |
| 11 | VESSEL | 11 | VICINITY | 11 | VISIRLE | 11 | WAIT |
| 10 | ADAPTERS | 10 | AGAIN | 10 | ANCHORAGE | 10 | ASSMRLFC |
| 10 | ASSEMBLIES | 10 | BARB | 10 | RECUMES | 10 | CALIPER |
| 10 | CAILED | 10 | CAPABILITY | 10 | CAUSTIC | 10 | CHARACTERISTICS |
| 10 | CHIEF | 10 | CAND | 10 | CIRCUITS | 10 | CLASS |
| 10 | CUAI | 10 | CUCKING | 10 | COLOR/PARKINGS | 10 | CONCERNMENT |
| 10 | CRUCIOUS | 10 | CUDC | 10 | CUPRECTED | 10 | COLLO |
| 10 | CREWMAN | 10 | CUTS | 10 | DEPENDING | 10 | DIRECTED |
| 10 | DRIVEN | 10 | DRUM | 10 | EDGES | 10 | EFFECTIVE |
| 10 | FIGHT | 10 | ELEVATION | 10 | ENVIRONMENT | 10 | EST |
| 10 | FEW | 10 | FINGER | 10 | FIRM | 10 | FIVE |
| 10 | FLOATING | 10 | FURCE | 10 | FRIDLES | 10 | HEARD |
| 10 | FIT | 10 | INFLATED | 10 | INSTRUMENTS | 10 | JUNCTION |
| 10 | FACIS | 10 | L | 10 | LIFE | 10 | LIGHTS |
| 10 | LIPS | 10 | LUCKED | 10 | LUBRICATION | 10 | LINGS |
| 10 | PARKS | 10 | MESSAGE | 10 | PATTER | 10 | MEMBER |
| 10 | PIE/COUNTERMINE | 10 | MY | 10 | NEED | 10 | NEFILE |
| 10 | ENTU | 10 | PASSWURU | 10 | PINNING | 10 | POSSIBILITY |
| 10 | PRACTICE | 10 | PREVENTS | 10 | PRISONERS | 10 | PULLFD |
| 10 | FLTING | 10 | RAMPS | 10 | READING | 10 | RECOVERY |
| 10 | REPLACING | 10 | REST | 10 | RESULT | 10 | RIGS |
| 10 | BUCKING | 10 | SALT | 10 | SHEAVE | 10 | SHFT |
| 10 | SPECS | 10 | SLOW | 10 | SUNN | 10 | SPLICE |
| 10 | SPLICES | 10 | SQUAD | 10 | SUSPECTED | 10 | TAPERED |
| 10 | TELEPH | 10 | TREADER | 10 | TREAT | 10 | VAPOR |
| 10 | VEGETATION | 10 | VOLUM | 10 | WAPM | 10 | WEIDED |
| 10 | DEFREVER | 9 | AUD | 9 | AFT | 9 | ATPWAY |
| 9 | ART/CA | 9 | ALISTER | 9 | BLOW | 9 | BRACES |
| 9 | CABLES | 9 | CERAIN | 9 | CLAMP | 9 | CLFANER |
| 9 | CLOCKMATE | 9 | CURBS | 9 | DEBRIS | 9 | DEFLECTION |
| 9 | FLCHPS | 9 | DESIRVED | 9 | DETECT | 9 | DIFFERENT |
| 9 | DISCIPLINE | 9 | DOCUMENTS | 9 | COXEL | 9 | ELECTRICITY |
| 9 | FRAGGED | 9 | ENTIRE | 9 | EVALUATION | 9 | EVIDENCE |
| 9 | FAAPLE | 9 | EXTEND | 9 | EXTENDED | 9 | EXTENT |

282

| FREQUENCY/WORD | FREQUENCY/WORD | WORD FREQUENCY DISTRIBUTION FREQUENCY/WORD | FREQUENCY/WORD | DATE 06143 0942 FREQUENCY/WORD |
|-----------------------------|----------------|--|------------------------|-----------------------------------|
| 9 EXTREME | 9 FEMALE | 9 FILLER | 9 FITNESS | |
| 9 GAS | 9 GLOVES | 9 GRASS | 9 GREASE | |
| 9 GREEN | 9 GUN | 9 FUSE | 9 HYGIENE | |
| 9 INCLUDED | 9 INFANTRY | 9 INTENDED | 9 KFFPING | |
| 9 ILY | 9 LEARN | 9 LEG | 9 LOADED | |
| 9 LADING | 9 LOSING | 9 MAGAZINES | 9 MAVES | |
| 9 PARKMS | 9 MECHANICAL | 9 METHODS | 9 MIGHT | |
| 9 PCTURS | 9 MOUNTINGS | 9 P3 | 9 MATH | |
| 9 FIGHT | 9 NUT | 9 OBSERVE | 9 ORSTACLF | |
| 9 OFFENSIVE | 9 ONN | 9 PARTICULAR | 9 PATROLLING | |
| 9 PERSONS | 9 PUNIONS | 9 QUALIFICATION | 9 RAGES | |
| 9 REASON | 9 RECEIVED | 9 RECESS | 9 RECOVER | |
| 9 REMOVAL | 9 RESULTS | 9 SHAPED | 9 SFLTEP | |
| 9 SHOCK | 9 SLAVE | 9 SLOT | 9 SLOWLY | |
| 9 SPINAL | 9 SPREAD | 9 STAND | 9 STANDING | |
| 9 STEER | 9 STONE | 9 STRAPS | 9 SUPPACFS | |
| 9 SATING | 9 THREAT | 9 TONE | 9 TOTAL | |
| 9 TRAFFIC | 9 TRAVEL | 9 TRENCH | 9 TRESTLFS | |
| 9 IMPERU | 9 USES | 9 WHO | 9 YELLOW | |
| 9 ZSPU | 9 ACT | 9 ADDITION | 9 ADPSSIVE | |
| 9 ALERT | 9 AM/ARC-17 | 9 APART | 9 APPLYING | |
| 9 ASSURE | 9 ATTACHING | 9 BEHIND | 9 BEYOND | |
| 9 BLACK | 9 BLAST | 9 BODYTRAPS | 9 BUZZER | |
| 9 BLUE | 9 PRESTBONE | 9 BREATH | 9 CCLAPSE | |
| 9 CATCH | 9 CHAMBER | 9 CLOSING | 9 CCMANF | |
| 9 CLUNA | 9 CLURE | 9 CUMES | 9 CCNTAINS | |
| 9 CLAPMENTS | 9 COMPLETELY | 9 COMPOUND | 9 DAYS | |
| 9 CONSPICUENCE | 9 CRAULE | 9 CRIMPER | 9 DEPTH | |
| 9 DEFICIENCIES/SHORTCOMINGS | 9 DELAY | 9 DEPENDS | 9 DUST | |
| 9 DIRLY | 9 DUNWARD | 9 DUF | 9 ESTIMATE | |
| 9 DUTIES | 9 EMPACEMENT | 9 ERECT | 9 FALL | |
| 9 EXHA | 9 EXTRACTUR | 9 FACING | 9 FIKER | |
| 9 FIGURES | 9 FILLER | 9 FIND | 9 FEAR | |
| 9 FLOOR | 9 FULU | 9 FROSTBITE | 9 HAZARDS | |
| 9 FRIP | 9 GUYS | 9 FURN | 9 HULL | |
| 9 FUDGE | 9 HUGGED | 9 INDICATES | 9 ITEM | |
| 9 IDLE | 9 INCLUDE | 9 LEADER | 9 LEAVING | |
| 9 JOINT | 9 LASTINGS | 9 LIFE-SAVING | 9 LIGHTLY | |
| 9 LET | 9 LEVERS | 9 MEET | 9 MIAUR | |
| 9 LEGS | 9 MALE | 9 M51 | 9 MACT | |
| 9 LEGAL | 9 MUDULE | 9 OPERATES | 9 OPERATPRS | |
| 9 PRESERVATION | 9 OCCURS | 9 PAD | 9 PICK | |
| 9 PRESERVE | 9 PACE | 9 PROBING | 9 RECEIVER-TRANSMITTER | |
| 9 THERMISE | 9 PRIOR | 9 REFER | 9 REPEMBFR | |
| 9 TOUCHER | 9 RECORDED | 9 RETRIEVAL | 9 RIVER | |
| 9 RECOGNIZED | 9 REQUIRES | 9 SEATED | 9 SELF | |
| 9 REPAIRED | 9 RUBBER | 9 SHAR | 9 SIGHTS | |
| 9 FLUGH | 9 SERVICE | 9 SPAR | 9 SPLINT | |
| 9 SECURANCE | 9 SPACE | 9 TEMPORARY | 9 THROUGHLY | |
| 9 SALTCH | 9 TABLE | | | |
| 9 SPAY | | | | |

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| 8 | CLING | 8 | THUS | 8 | TILT | 8 | TRIPS |
| 8 | TYING | 8 | UNSURE | 8 | US | 8 | V |
| 8 | VALVES | 8 | VARIOUS | 8 | WALKING | 8 | WASH |
| 8 | LATCH | 8 | WEARING | 8 | WOUNDS | 7 | ACCOMPLISHED |
| 7 | ACCURANCE | 7 | ACTIONS | 7 | ADJECT | 7 | ADVANTAGE |
| 7 | ALPUS | 7 | ALUMINUM | 7 | AM/VRC-64 | 7 | ANTENNA |
| 7 | ANYING | 7 | APP | 7 | ASK | 7 | ATTEMPTING |
| 7 | BACKGROUND | 7 | BACKWARD | 7 | BASEPLATE | 7 | DECOMING |
| 7 | PERI | 7 | RADIS | 7 | BUNLINE | 7 | DEATHS |
| 7 | FRIDGING | 7 | ARTICLE | 7 | CAN | 7 | CAPNLT |
| 7 | CARD | 7 | CASUALTIES | 7 | CAUSES | 7 | CHANGES |
| 7 | CHARGING | 7 | CHLORIDE | 7 | CLOCKWISE | 7 | CRAULCY |
| 7 | CLEVER | 7 | CORRELING | 7 | CRAMPS | 7 | CS |
| 7 | DAILY | 7 | DAMENOUS | 7 | DELIVERY | 7 | DEPRESSING |
| 7 | DETECTED | 7 | DEVICES | 7 | DRINK | 7 | DRINKING |
| 7 | DSR | 7 | ELEMENTS | 7 | EQUAL | 7 | ETC |
| 7 | EXPLOSTON | 7 | FACILITATE | 7 | FEED | 7 | FEEL |
| 7 | FITTINGS | 7 | FELIAGE | 7 | FRACTURED | 7 | FPAMES |
| 7 | GIVES | 7 | GPBIO | 7 | GREATER | 7 | GEFIVE |
| 7 | GUTTES | 7 | HARDSTON | 7 | HOLUS | 7 | HOT |
| 7 | IDENTIFICATION | 7 | IMMOBILIZE | 7 | IMPORTANT | 7 | INCLUDES |
| 7 | INDICATED | 7 | INSTALLATION | 7 | INSTUPENT | 7 | INTERMEDIATE |
| 7 | ISSUE | 7 | JOINED | 7 | LANYARD | 7 | LARGER |
| 7 | LEADERSHIP | 7 | LEAP | 7 | LIQUID | 7 | LIC |
| 7 | FLICKER | 7 | LUSS | 7 | LYING | 7 | MARLEVER |
| 7 | PATCH | 7 | PETER | 7 | MOTION | 7 | MOLLY |
| 7 | PICK | 7 | MULTIPLE | 7 | MIS | 7 | NAVIGATE |
| 7 | PATEN | 7 | OPENED | 7 | CHENTING | 7 | OPERATIONAL |
| 7 | PADGET | 7 | PASSAGES | 7 | PASSING | 7 | PERESTAL |
| 7 | PERFORMING | 7 | PERMITS | 7 | PINCH | 7 | PLINGER |
| 7 | POSITIONED | 7 | PREPARATION | 7 | PRESCRIBED | 7 | PREPRE |
| 7 | ENGULGED | 7 | PROTECTED | 7 | PROVIDES | 7 | PTT |
| 7 | PURPOSES | 7 | RAIS | 7 | RATING | 7 | REACH |
| 7 | RECEIVING | 7 | REMAINING | 7 | REQUIREMENT | 7 | RIFT |
| 7 | RISE | 7 | REMAINS | 7 | RUCKS | 7 | SAD |
| 7 | SEEN | 7 | SMU | 7 | SCOW | 7 | SCCKET |
| 7 | STALIC | 7 | STATIONARY | 7 | STAY | 7 | STEADY |
| 7 | SIMILE | 7 | STICK | 7 | STORAGE | 7 | STIRPD |
| 7 | STRAIN | 7 | STREAM | 7 | STRIVE | 7 | STUDY |
| 7 | SUPPLEMENTS | 7 | SWEET | 7 | TA-312 | 7 | TC |
| 7 | TECHNICAL | 7 | TELL | 7 | THIRD | 7 | THPUN |
| 7 | TIGHTENED | 7 | TUE | 7 | TRANSMISSIONS | 7 | TRANSMIT |
| 7 | TRANSUNDS | 7 | TRY | 7 | TURFED | 7 | U |
| 7 | LEPI | 7 | WEAK | 7 | WHEELED | 7 | WHISTLE |
| 7 | TYPE | 7 | WRITTEN | 7 | WUN | 7 | ACCORDING |
| 6 | ADULATE | 6 | ALINED | 6 | ALTERNATE | 6 | AMPLIFIER-POWER |
| 6 | ANGLES | 6 | ADVENTURE | 6 | ASSEMBLE | 6 | SAC |
| 6 | CELEST | 6 | ARE | 6 | BASIS | 6 | BEADING |
| 6 | LETTER | 6 | REND | 6 | BOUNDING | 6 | CAMULFAGE/CNCEAL |
| 6 | CHES | 6 | CHORDS | 6 | CULIS | 6 | COMPRESSOR |

| | | | | | | | |
|---------------|---|----------------|---|--------------|---|----------------|---|
| APPROACHING | 3 | AMHUR | 3 | ASSISTANT | 3 | ASSUME | 3 |
| ASTERN | 3 | AUTOMATIC | 3 | BAIL | 3 | BAPHS | 3 |
| BATTLESLIGHT | 3 | BEAKINGS | 3 | BILGE | 3 | BLADES | 3 |
| BREATHE | 3 | CALL | 3 | CENTERS | 3 | CHECKER | 3 |
| CLAYMORE | 3 | CLIMATIC | 3 | CLOSED-CHEST | 3 | CN | 3 |
| COMMENTS | 3 | COMMUNICATIONS | 3 | COUSION | 3 | CONDUCTOR | 3 |
| CONSTANT | 3 | CONSTRUCTED | 3 | COUTPOLE | 3 | CONDUCTOR | 3 |
| CORPS | 3 | COURSES | 3 | CURRENTS | 3 | CUTTER | 3 |
| COURT | 3 | COURT | 3 | DEAD | 3 | DEFECTS | 3 |
| DISAPPEAR | 3 | DETAILED | 3 | DETERMINED | 3 | DETERMINING | 3 |
| DISAPPEAR | 3 | DISASSEMBLED | 3 | DISPOSE | 3 | DISTRIBUTION | 3 |
| DIVIDED | 3 | DURING | 3 | EASY | 3 | EFFECTIVELY | 3 |
| EFFECTIVENESS | 3 | ELECTRICALLY | 3 | EMPLACED | 3 | EMPTY | 3 |
| ENTRY | 3 | ENRUR | 3 | EXAMPLES | 3 | EXCEPTION | 3 |
| EXTRACT | 3 | E4 | 3 | FABRIC | 3 | FEEDTRAY | 3 |
| EXTRACTION | 3 | FLUID | 3 | FLYING | 3 | FERTILIZATIONS | 3 |
| FOUNDATION | 3 | FREQUENCY | 3 | FROSTBITTEN | 3 | FUNCTIONING | 3 |
| FULLER | 3 | GAUNTLETS | 3 | GETTING | 3 | GIRTH | 3 |
| PLY | 3 | HANDBUCK | 3 | HANDSET | 3 | HANGER | 3 |
| WATCHES | 3 | HAZARD | 3 | HULLING | 3 | HOLKING | 3 |
| ILLUSING | 3 | IMMERSION | 3 | INCREASED | 3 | INCREASES | 3 |
| INDEX | 3 | INFLATION | 3 | INJECTOR | 3 | INJURED | 3 |
| INNER | 3 | INSERTING | 3 | INSPECTED | 3 | INTELLIGENCE | 3 |
| J | 3 | KNEE | 3 | LAI | 3 | LRE | 3 |
| LEADS | 3 | LEATHER | 3 | LAIS | 3 | LOCKS | 3 |
| LIFTING | 3 | LISSEN | 3 | LO | 3 | MARKED | 3 |
| LLU | 3 | LIR | 3 | MAINTAINED | 3 | M33 | 3 |
| MARKSMANSHIP | 3 | MISPIRE | 3 | M203 | 3 | N | 3 |
| M34 | 3 | M57 | 3 | M603 | 3 | NONMETALLIC | 3 |
| NAVIGATION | 3 | NEAREST | 3 | NEUTRALIZE | 3 | OBJECTIVE | 3 |
| NAVIFY | 3 | NULL | 3 | NAUTS | 3 | ORIENT | 3 |
| PREPARED | 3 | OFFICERS | 3 | OLD | 3 | PARTICIPARIV | 3 |
| PLP | 3 | OVERALL | 3 | PAINFUL | 3 | PARTICIPATING | 3 |
| PATH | 3 | PATRIENS | 3 | PEPINDS | 3 | PATIMPLES | 3 |
| PICKED | 3 | PILUT | 3 | PILIMOLE | 3 | POLITOP | 3 |
| PICKER | 3 | PLIERS | 3 | PULES | 3 | PROGRESS | 3 |
| PICKATURE | 3 | PRIMARY | 3 | PROGRAM | 3 | PUBLICATIONS | 3 |
| FRINGS | 3 | PROPELLERS | 3 | PROTFUDING | 3 | PAPER | 3 |
| PULSE | 3 | RADIUS | 3 | RAFT/BAY | 3 | RECOMMENCE | 3 |
| REAL | 3 | REALITY | 3 | READY | 3 | RELIEVED | 3 |
| RELEVU | 3 | RELATIONSHIP | 3 | RELIEF | 3 | RETAIN | 3 |
| REPLACEMENT | 3 | REQUIREMENTS | 3 | RESISTANCE | 3 | RPM | 3 |
| REPLACEMENT | 3 | RUCKETS | 3 | ROLLFO | 3 | SATISFACTORILY | 3 |
| REPLACEMENT | 3 | SALUTE | 3 | SAINTATION | 3 | SEPARATED | 3 |
| REPLACEMENT | 3 | SENIOR | 3 | SENSITIVITY | 3 | SHAPF | 3 |
| REPLACEMENT | 3 | SERVE | 3 | SEVEN | 3 | SHOULDERS | 3 |
| REPLACEMENT | 3 | SHIFT | 3 | SHOOT | 3 | SLIDING | 3 |
| REPLACEMENT | 3 | SLAVING | 3 | SLEAVE | 3 | SLIGHTING | 3 |
| REPLACEMENT | 3 | SUDJUM | 3 | SOLUTION | 3 | SPLICING | 3 |
| REPLACEMENT | 3 | SUNCE | 3 | SPARS | 3 | | |

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| 5 | SPOKEN | 5 | SPOUL | 5 | SPOT | 5 | SPPING-LEAPER |
| 5 | STARTER | 5 | STIFFENER | 5 | STOMACH | 5 | STIFFER |
| 5 | STRIPS | 5 | SUPPLIED | 5 | SUPPLIES | 5 | SUPPRESSIVE |
| 5 | SURROUNDINGS | 5 | SWEATING | 5 | SWEETING | 5 | SWIFT |
| 5 | TAKES | 5 | TEMPERATURE | 5 | TEAR | 5 | TEARS |
| 5 | TELEPHONES | 5 | TESTING | 5 | TEMPERATURES | 5 | TEI |
| 5 | TERMINALS | 5 | TESTING | 5 | TESTS | 5 | THIN |
| 5 | THRUSTLES | 5 | TUNGS | 5 | TOURNIQUET | 5 | TRAIN |
| 5 | TRIPLANE | 5 | TROUBLESHOOTING | 5 | TRUCK | 5 | U-SHAPED |
| 5 | INCLUDING | 5 | VARY | 5 | VOICE | 5 | WEIGH |
| 5 | HERE | 5 | WEATHER | 5 | WRAPS | 5 | X |
| 4 | ACCURACY | 4 | ABC-2542 | 4 | ABSENCE | 4 | ABSOLUTELY |
| 4 | ADDRESS | 4 | ACTIVITY | 4 | ACTUATE | 4 | ADDED |
| 4 | ALIENS | 4 | ADJUSTMENT | 4 | AHEAD | 4 | AIRTIGHT |
| 4 | AN-MR | 4 | ALREADY | 4 | ALTHOUGH | 4 | AMONG |
| 4 | ARTICULATING | 4 | AN/PVS-7 | 4 | APPEAR | 4 | ARMY'S |
| 4 | ATTENTION | 4 | ARTILLERY | 4 | ASSOCIATED | 4 | ASSOCIATION |
| 4 | PAK-CONNECTING | 4 | AUTENTICATE | 4 | AVOIDED | 4 | BACKING |
| 4 | BATTLEFIELD | 4 | RANVAGE | 4 | BALDOLFER | 4 | BATH |
| 4 | FIT | 4 | REGIN | 4 | BEGINS | 4 | BERTH |
| 4 | FLATS | 4 | BLACKOUT | 4 | BLADE | 4 | BLANKET |
| 4 | BREATHES | 4 | RUXES | 4 | BRANCHES | 4 | BREAKING |
| 4 | FUSING | 4 | BRIDGE/MAFT | 4 | BUILT-UP | 4 | BURY |
| 4 | CASI | 4 | CAPTIVE | 4 | CAPTURE | 4 | CASES |
| 4 | CAPPED | 4 | CAVITY | 4 | CENTERED | 4 | CHALLENGING |
| 4 | CLUTCHED | 4 | CHOICE | 4 | CIRCULATION | 4 | CLAW |
| 4 | COLLECTIVE | 4 | CLOSURE | 4 | CLUMPS | 4 | COLLAR |
| 4 | COMPASS | 4 | COLORS | 4 | CORING | 4 | COMMUNICATE |
| 4 | CONDUCTIONS | 4 | COMPLETION | 4 | CUNCEALED | 4 | CONFERENCE |
| 4 | CORLAT | 4 | CURTAIN | 4 | CUSTOMER | 4 | COR TAILERS |
| 4 | CRAYAT | 4 | CURDS | 4 | COVERING | 4 | CRAFT |
| 4 | CRASHSPACE | 4 | CRIMPING | 4 | CRUSHED | 4 | DAMAGING |
| 4 | DIFFERENCE | 4 | RECUNTA MINAIED | 4 | DEFICIENCY | 4 | DETONATED |
| 4 | DIVISION | 4 | DIGIT | 4 | DISEASE | 4 | DISTANCES |
| 4 | FASIER | 4 | DIZZINESS | 4 | DOORS | 4 | DYAPITE |
| 4 | ELBOW | 4 | EFFECT | 4 | EFFORTS | 4 | EJECTER |
| 4 | EN | 4 | ELECTROLYTE | 4 | ELIGIBLE | 4 | EMPLOYED |
| 4 | ERECTED | 4 | ENGAGES | 4 | ENGINEERING | 4 | ENLARGED |
| 4 | EXPLANATION | 4 | ESCAPE | 4 | EVALUATE | 4 | EXAMINED |
| 4 | EXPLAINED | 4 | EXHAUSTION | 4 | EXPENDED | 4 | EXPLAIN |
| 4 | FASIERED | 4 | EXPUSE | 4 | EXTREMITIES | 4 | FACILITIES |
| 4 | FILIENTS | 4 | FAULTY | 4 | FEELING | 4 | FILED |
| 4 | FUMTH | 4 | FIRST-AID | 4 | FLASHING | 4 | FOREFEAD |
| 4 | FUZZING | 4 | FRAUDHENS | 4 | FREEZING | 4 | FUNCTION |
| 4 | FAL | 4 | GAIN | 4 | GRAIN | 4 | GRAY |
| 4 | PARVARE | 4 | HAND-NEUTRALIZE | 4 | HANDLED | 4 | HAND TOOL |
| 4 | LEANTOAT | 4 | HATCH | 4 | HEAD | 4 | HEARING |
| 4 | ILLUFAST | 4 | HEEL | 4 | HITCHES | 4 | HITS |
| 4 | IMAGINARY | 4 | HUSILE | 4 | ICE | 4 | ILL |
| | | 4 | IMPROVISED | 4 | INDICATION | 4 | INFLATE |

293

| | | | |
|---------------|--------------|--------------|----------------|
| INFLATING | INHALED | INSULATION | INTRODUCTION |
| JAN-LIFT | JOIN | JOINTS | K |
| KEEPS | LAUNCHED | LAYER | LA |
| LEAKING | LEARNED | LEARNING | LEF |
| LEFT-PAND | LETIE'S | LEVELING | LIF |
| LINKED | LISIS | LIAD-DEARING | LOADS |
| LINGUISTICAL | LUNERED | LSA | LUPRICANT |
| MACHINES | MAINTAINED | MALFUNCTION | MARKER |
| PATCHING | MATE | MEASURING | MEMBERS |
| PESS | MESSAGES | MGR | MIXTURE |
| POSTURE | MUNIMLY | PUZZLE | MIX |
| PLE | M25 | M2CAL | M5G |
| PO7 | M012 | NAIL | NAILS |
| FEARLY | MUTCHED | CHSERVING | DM'S |
| ORIENTED | PAUING | PAUNLES | PACDLING |
| PASSAGE | PATERN | PEEPSIGHT | PERCENT |
| PERFORMANCE | PERIODICALLY | PERMISSION | PISTOL |
| PLACES | PUINTING | PURTABLE | POSITIONING |
| PRESS-TC-TALK | PRESSURES | PRINTER | PRINCIPLES |
| TRATED | PRECICIENCY | PROGRESSION | PRONTED |
| PROPULSION | QUALIFY | QUARTELY | RADIC/TELEPHNF |
| RAPID | RATED | RECESSES | RECHERY |
| REFL | REEVE | RELATED | PEPLY |
| RESERVE | RESET | RESPECTIVELY | PESTS |
| RESULTING | RETRIEVE | RETRIEVED | RITSE |
| FLCK | RUN | SAW | SEALS |
| SEALS | SECURING | SEEN | SELECTED |
| SERVICEABLE | SHAKE | SHALLOW | SEAVES |
| SHEETS | SHINY | SHUTOFF | SIGN |
| SIMULATED | SIX-DIGIT | SLEEPING | SLINGS |
| SLEPPES | SLOCITED | SMALLER | SNAP |
| SLAPY | SOLID | SQUIN | SPACERS |
| SPAKE | SPLIT | SQUEEZE | STIFFENPS |
| STAFFING | STRAINER | STRENGTH | STRUCTURE |
| SUBSTANCE | SUNBURN | SUPPORTING | T |
| TAIL/PT | TAKEDOFF | TANKS | TECHNIQUE |
| TILLING | TIPS | TISSUE | TOLD |
| TUN | TUNQUE | TOPOGRAPHIC | TOWING |
| TRAIL | TRANSPORTED | TREATMENT | TRIPLE |
| TRIPLE-TRUSS | TUBES | TURNBUCKLE | UNCURRECTARLF |
| UNCLAMPTED | UNFOLD | LIFOLDING | VERTICALLY |
| ILLIAGE | WAVE | NE | WEKS |
| WELLS | WHOLE | WIDTH | WIND |
| VERUS | WORLD | WP | WRAP |
| WRAPPED | WRECKING | ZE-RN | ZEPDED |
| 3 | ABUIMENI | 3 | ACCURATE |
| 3 | ACTIVE | 3 | ADMIT |
| 3 | ADVANCEMENT | 3 | AFFECT |
| 3 | AFFORD | 3 | ALARM |
| 3 | AMOUNTS | 3 | ANC |

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| 3 | ANTIARMOR | 3 | ARCH | 3 | ARMPIT | 3 | ARPIVE |
| 3 | ARTEP | 3 | ARMAD | 3 | AXE | 3 | AZIMUTH |
| 3 | BACKSLASH | 3 | BARBAGES | 3 | BARRELS | 3 | BASED |
| 3 | BATHING | 3 | REB | 3 | BED | 3 | BEFOREPARTAG |
| 3 | BICARBONATE | 3 | ALISTERING | 3 | BLOWING | 3 | BLIE |
| 3 | BLUES | 3 | RUGIE | 3 | BUILDING | 3 | BLOCK |
| 3 | BUFF | 3 | PHAKES | 3 | BREAKS | 3 | BRING |
| 3 | BULL | 3 | RULET | 3 | BUTTONS | 3 | CAR |
| 3 | BULLFLAPPING | 3 | CARTEENS | 3 | BUTTONS | 3 | CAP |
| 3 | CARBURATOR | 3 | CARTRIDGES | 3 | CENTERLINE | 3 | CAPSTAN |
| 3 | CHALLENGED | 3 | CHANGING | 3 | CHAMMELS | 3 | CHAINS |
| 3 | CHEMICAL-BIOLOGICAL | 3 | CHIN-UP | 3 | CHIPPING | 3 | CHECKING |
| 3 | CIVILIANS | 3 | CLEANLINESS | 3 | CLEARANCE | 3 | CHIPS |
| 3 | CLIMB | 3 | CLOSELY | 3 | CLOSER | 3 | CLICKS |
| 3 | CM | 3 | CUALING | 3 | CODE | 3 | CLCUDY |
| 3 | COLLECTION | 3 | CULLETS | 3 | COLOR | 3 | COIL |
| 3 | COLLAPSE | 3 | CURRENTATIONS | 3 | COLOR | 3 | COMPLY |
| 3 | COLLISION | 3 | CORRUPTION | 3 | COMENSATION | 3 | COMMENTS |
| 3 | COLLUSION | 3 | CORRUPTIVE | 3 | CONSCIOUSNESS | 3 | CONCKIFF |
| 3 | COLLUSION | 3 | CORRECTIVE | 3 | CORROSION | 3 | CONTROLOCKWISE |
| 3 | COLLUSION | 3 | COVERS | 3 | CRATERING | 3 | CRAVATS |
| 3 | COLLUSION | 3 | CRIBBING | 3 | CRITERIA | 3 | CROSS-REFERENCE |
| 3 | COLLUSION | 3 | CRUICK | 3 | CULVERT | 3 | CLP |
| 3 | COLLUSION | 3 | CURRENTLY | 3 | CYLINDERS | 3 | DEADNET |
| 3 | COLLUSION | 3 | DECKEE | 3 | DEMONSTRATE | 3 | DEPTS |
| 3 | COLLUSION | 3 | DEPRESSED | 3 | DESCRIPES | 3 | DESCRIPTION |
| 3 | COLLUSION | 3 | DETENT | 3 | DEGNATES | 3 | DEVELOPMENT |
| 3 | COLLUSION | 3 | DIMENSIONS | 3 | DIPPED | 3 | DIRECTIONS |
| 3 | COLLUSION | 3 | DISMOUNTED | 3 | DISTINCTIVE | 3 | DOWNED |
| 3 | COLLUSION | 3 | DUT | 3 | DOUBT | 3 | DOWNSTREAM |
| 3 | COLLUSION | 3 | DROPPING | 3 | DRY-CELL | 3 | DUG |
| 3 | COLLUSION | 3 | EARLY | 3 | EARS | 3 | EATING |
| 3 | COLLUSION | 3 | ELIGIBILITY | 3 | ELIMINATED | 3 | EMPLY |
| 3 | COLLUSION | 3 | ENGAGEMENT | 3 | ENGAGING | 3 | ENTIRELY |
| 3 | COLLUSION | 3 | ENVIRONMENTAL | 3 | ESPECIALLY | 3 | ESTIMATED |
| 3 | COLLUSION | 3 | EXCEEDING | 3 | EXCELLENT | 3 | EXCESSIVELY |
| 3 | COLLUSION | 3 | EXISTS | 3 | EXPERIENCE | 3 | EXPUSING |
| 3 | COLLUSION | 3 | FAHRENHEIT | 3 | FAMILIAR | 3 | FALLT |
| 3 | COLLUSION | 3 | FINAL | 3 | FINISH | 3 | FLANGES |
| 3 | COLLUSION | 3 | FLUSH | 3 | FORMAL | 3 | FORMING |
| 3 | COLLUSION | 3 | FREEBOARD | 3 | FRONT/FEAR | 3 | FSN |
| 3 | COLLUSION | 3 | G-AGENTS | 3 | GAP | 3 | GASI |
| 3 | COLLUSION | 3 | GIVING | 3 | GLASS | 3 | GEFS |
| 3 | COLLUSION | 3 | GRADUALLY | 3 | GRAPPLING | 3 | GRASPING |
| 3 | COLLUSION | 3 | GUINELINES | 3 | GUNKER | 3 | HAC |
| 3 | COLLUSION | 3 | HEADWAY | 3 | HEAR | 3 | HEATER |
| 3 | COLLUSION | 3 | HELMETS | 3 | HOLDFASTS | 3 | ID |
| 3 | COLLUSION | 3 | III | 3 | ILLUSTRATE | 3 | IMPROPER |
| 3 | COLLUSION | 3 | INDEPENDENT | 3 | INDICATE | 3 | INDICATING |
| 3 | COLLUSION | 3 | INFIRM | 3 | ING | 3 | INFLATION |
| 3 | COLLUSION | 3 | INSECURE | 3 | INSULATED | 3 | INTACT |

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| 2 | SPEAKER | 2 | SHOUT | 2 | SHRAPNEL | 2 | SIPPL |
| 2 | SIDEWAYS | 2 | SILENCE | 2 | SILHOUETTE | 2 | SILHOUETTES |
| 2 | SILICONE | 2 | SIMPLE | 2 | SINGLE-BLOCK | 2 | SINGLEDOUBLE |
| 2 | SINK | 2 | SIT | 2 | SITES | 2 | SIXTH |
| 2 | SLACKENING | 2 | SLIT | 2 | SLOPE | 2 | SLOWING |
| 2 | SMUTFLY | 2 | SMAGGING | 2 | SNAP | 2 | SKFEZING |
| 2 | SOLVENT | 2 | SMEONE | 2 | SPACER | 2 | SPACFS |
| 2 | SPAPS | 2 | SPEAKS | 2 | SPECIFICATIONS | 2 | SPLINTING |
| 2 | SPOLS | 2 | SPOIS | 2 | SPRINGS | 2 | SQTS |
| 2 | SQUEEZED | 2 | STABILITY | 2 | STATES | 2 | STATIONED |
| 2 | STERNS | 2 | STONES | 2 | STONING | 2 | STPAIGHTEDGE |
| 2 | STRAINERS | 2 | STRETCH | 2 | STRETCHING | 2 | STRIKING |
| 2 | STUNG | 2 | STRUCK | 2 | STRUCTURAL | 2 | SUPSVSFM |
| 2 | SUCCESSFULLY | 2 | SUCCESSIVE | 2 | SUMP | 2 | SUPGLASSES |
| 2 | SULIGHT | 2 | SUPERIOR | 2 | SUPERSTRUCTURES | 2 | SUPERVISE |
| 2 | SUPERVISOR/TRAINER | 2 | SUPERVISORY | 2 | SUPPLEMENT | 2 | SUPPRESSOR |
| 2 | SUSPECT | 2 | SWAYBACK | 2 | SWINGING | 2 | SWITCHBOARD |
| 2 | SATICHES | 2 | SWITCHING | 2 | SYMBOLS | 2 | TA-312/PT |
| 2 | TACHOMETER | 2 | TAH | 2 | TA312/PT | 2 | TEIDFNCE |
| 2 | TERMS | 2 | TEXT | 2 | TH | 2 | THAWING |
| 2 | THEMSELVES | 2 | TIE-PLATE | 2 | TIEDOWN | 2 | TIPING |
| 2 | TIGNS | 2 | TIPPING | 2 | TIRE | 2 | TIPES |
| 2 | TNT | 2 | TUES | 2 | TOOLBOX | 2 | TOOLPODM |
| 2 | TECH | 2 | TUIMBRUSH | 2 | TOP-EYE | 2 | TCPS |
| 2 | TURN | 2 | TUSS | 2 | TUO-SAP'D | 2 | TON |
| 2 | TRAPGL | 2 | TRAILS | 2 | TRANSFERRING | 2 | TRANSISTORIZED |
| 2 | TRANSMITTING | 2 | TRAPS | 2 | TRAVERSING | 2 | TRIP |
| 2 | THROUGH | 2 | TRUE | 2 | TUBING | 2 | TUNNEL |
| 2 | THUS | 2 | TWISTED | 2 | U-BOLTS | 2 | UAL |
| 2 | LI | 2 | UNASSEMBLED | 2 | UNATTENDED | 2 | UNPRCKFN |
| 2 | UNCOVER | 2 | UNCOVERED | 2 | UNDEPGLUTHING | 2 | UNTERNFATH |
| 2 | UNDERWATER | 2 | UNION | 2 | UNIQUE | 2 | UNITED |
| 2 | UNLIGHTED | 2 | UNLUADED | 2 | UNLOCK | 2 | UNNECESSARY |
| 2 | UNSAFE | 2 | UNTIE | 2 | UNUSUAL | 2 | UP/DCMP |
| 2 | UPSIDE | 2 | UPSTREAM | 2 | URINATING | 2 | USABLE |
| 2 | UTILITY | 2 | UTILIZING | 2 | VARIETY | 2 | VEPIFY |
| 2 | VIEWS | 2 | VITAL | 2 | VOICEMITTER | 2 | VCP |
| 2 | VP | 2 | VP2UO | 2 | VULNERABILITY | 2 | WATSY |
| 2 | WALKWAY | 2 | WALL | 2 | WANT | 2 | WATTS |
| 2 | WAPN | 2 | WARNED | 2 | WASHED | 2 | WASHER |
| 2 | WASHING | 2 | WATCHES | 2 | WATERPROOFED | 2 | WATERIGHT |
| 2 | WEAPONS | 2 | WEEDS | 2 | WEEKLY | 2 | WESTERN |
| 2 | WEFTING | 2 | WHY | 2 | WILCN | 2 | WILL |
| 2 | WILL | 2 | WINCHING | 2 | WIRING | 2 | WITHDRAW |
| 2 | WITCHAMAL | 2 | WUGUS | 2 | WORKER | 2 | WORKERS |
| 2 | WORKSHEET | 2 | WOUNDED | 2 | WRENCHES | 2 | WRISTS |
| 2 | WORKING-AFTER | 2 | WRUNG | 2 | YARDS | 1 | CAUTION |
| 1 | IF | 1 | THE | 1 | 8 | 1 | *AIL |
| 1 | ALS | 1 | *M57 | 1 | *M68 | 1 | *ONLY |
| 1 | *THIS | 1 | /BRIDGE | 1 | *M6 | 1 | *M1 |

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|---|---------------|---|---------------|---|-----------------|---|----------------|
| 1 | PARLAIN | 1 | EXPLANATION | 1 | EXPLODING | 1 | EXPLOSIONS |
| 1 | EXPLOSIVES | 1 | EXPRESS | 1 | EXPRESSED | 1 | EXTEN |
| 1 | EXTENSIVE | 1 | EXTENSIVELY | 1 | EXTINGUISHMENT | 1 | EXTRACTION |
| 1 | EYE-END | 1 | EYE-LENS | 1 | EYEBALL | 1 | EYEPIECE |
| 1 | EYEPIECES | 1 | EY- | 1 | F-UEL | 1 | FA |
| 1 | FACES | 1 | FACIENEU | 1 | FACTORS | 1 | FACET |
| 1 | FACIS | 1 | FAILING | 1 | FAINT | 1 | FAIR |
| 1 | FAIRLY | 1 | FAIRER | 1 | FALLOUT | 1 | FAIRING |
| 1 | FAPX | 1 | FARTHER | 1 | FALLINGS | 1 | FASTENS |
| 1 | FASIFR | 1 | FATIGUE | 1 | FADING | 1 | FE |
| 1 | FELL | 1 | FEMININE | 1 | FENCES | 1 | FIREAS |
| 1 | FELDED | 1 | FIFTH | 1 | FIG2 | 1 | FILED |
| 1 | FILING | 1 | FILM | 1 | FILTFED | 1 | FIFTEENTHS |
| 1 | FILISHED | 1 | FIRE-NIGHT | 1 | FIREBALL | 1 | FIREFOVE |
| 1 | FIRE'S | 1 | FIRLD | 1 | FISHERMEN'S | 1 | FIXHOLE |
| 1 | FLAGS | 1 | FLAN | 1 | FLAKING | 1 | FLAMING |
| 1 | FLASHED | 1 | FLASHES | 1 | FLASHLIGHTS | 1 | FLATTENING |
| 1 | FLESH | 1 | FLEATBLE | 1 | FLIP | 1 | FLIPS |
| 1 | FLESS | 1 | FLOWING | 1 | FLRE | 1 | FLISHER |
| 1 | FLUSHING | 1 | FMS-12C1/2 | 1 | FU | 1 | FOCUSING |
| 1 | FULL | 1 | FULL-LIVED | 1 | FOILAGE | 1 | FOLDLOCK |
| 1 | FUTTING | 1 | FURCEFULLY | 1 | FOFCTING | 1 | FOPDS |
| 1 | FURE | 1 | FURMALLY | 1 | FORMATION | 1 | FORMATIONS |
| 1 | FUR | 1 | FURIFICATIONS | 1 | FORWARD-REVERSE | 1 | FOIGHT |
| 1 | FULL | 1 | FURLING | 1 | FOUR-LEGGED | 1 | FOUR-MAN |
| 1 | FUN | 1 | FUR-ER | 1 | FUNARD | 1 | FOX |
| 1 | FUNCT | 1 | FPE | 1 | FRAGMENT | 1 | FRFQUENCIES |
| 1 | FREQUENT | 1 | FRESHLY | 1 | FRICTION | 1 | FRIG |
| 1 | FULLER | 1 | FULLEST | 1 | FUNCTIIONAL | 1 | FUNCTIONS |
| 1 | FURAGE | 1 | FURNISH | 1 | FURTHERMORE | 1 | FUSEBOX |
| 1 | FUTER | 1 | FUZZY | 1 | G-TYPE | 1 | GAGES |
| 1 | CATING | 1 | GALVANIZED | 1 | GALVANOMETER'S | 1 | GALVANE |
| 1 | CARBAGE | 1 | GARNISHING | 1 | GAS-RESISTANT | 1 | CASKETS |
| 1 | GEADY | 1 | GEANT | 1 | GEARED | 1 | GEINER |
| 1 | GERALL | 1 | GILIEROUS | 1 | GEITLE | 1 | GETOGRAPHIC |
| 1 | GERMANY | 1 | GER'S | 1 | GIANT | 1 | GLACIATING-OFF |
| 1 | CLAKE | 1 | GLAKES-SHINY | 1 | GLIMAL | 1 | GLALS |
| 1 | CLUL | 1 | GOVERNOR | 1 | GRAN'S | 1 | GRASPER |
| 1 | CLVITY | 1 | GKC-160 | 1 | GREASY | 1 | GREATEST |
| 1 | CHENAU'S | 1 | GRENALNE | 1 | GRESSION | 1 | GRILLAGE |
| 1 | CRIME | 1 | GRIND | 1 | GRIPPING | 1 | GPTIVER |
| 1 | ENCOUES | 1 | GRDING | 1 | GTYPE | 1 | GUIDANCE |
| 1 | CLUTING | 1 | GUNNERS | 1 | GUIHALE | 1 | GUNWALS |
| 1 | CURE | 1 | HAIN | 1 | HALF-PENTON | 1 | HAI-P-PCNTONS |
| 1 | HALFPCAT | 1 | HALLIC-DATS | 1 | HAMERS | 1 | HAIH-MFLC |
| 1 | HALU-OPERATED | 1 | HALLURALS | 1 | HANDSAID | 1 | HANDSET-PRESS |
| 1 | HALU | 1 | HANGING | 1 | HAPPEN | 1 | HAPMER |
| 1 | HARUEN | 1 | HASA | 1 | HASTY | 1 | HATCHET |
| 1 | HAZARUOUS | 1 | HAZY | 1 | PC | 1 | HE/SH |
| 1 | HEIS | 1 | HEAU-TILT | 1 | HEADLESS | 1 | HEADLIGHTS |

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| 1 | LEADQUARTERS | 1 | HEADS | 1 | HEADSET | 1 | HEARING-- |
| 1 | LEAK | 1 | HEED | 1 | PEET | 1 | HELICOPTER |
| 1 | HELPING | 1 | HERBY | 1 | PEWING | 1 | HIDDEN |
| 1 | HIRE | 1 | HIGH-WIND | 1 | HIGHER-ECHELON | 1 | HILLS |
| 1 | HILLTOP | 1 | HILLTOPS | 1 | HU | 1 | HOID |
| 1 | HILLER | 1 | HOLUE'S | 1 | HOMES/TEARS | 1 | HOLDING |
| 1 | HUNGARECUS | 1 | HUNING | 1 | HONKUP | 1 | HCCP |
| 1 | HCFZNTALLY | 1 | HOSPITALS | 1 | HUTEL | 1 | HCCK |
| 1 | HLLSFU | 1 | HUGUES | 1 | HUB | 1 | HULLS |
| 1 | HYLERALIC | 1 | HYMOGEN | 1 | HCCFFIELD | 1 | HUFFA |
| 1 | IDENT | 1 | IDENTIFIABLE | 1 | IDENTIFIERS | 1 | IDENTITIES |
| 1 | IGLE-NEUTRAL | 1 | IGNITE | 1 | IGNITES | 1 | IGITOPS |
| 1 | IGUPRED | 1 | IGLACK | 1 | ILLUMINATE | 1 | ILLUSTRATIONS |
| 1 | IMPERIALLY | 1 | IMMEDIATE | 1 | IMMERSE | 1 | IMPERSED |
| 1 | IMPERILIZATION | 1 | IMMUNIZED | 1 | IMPLY | 1 | IMMURCLESSE |
| 1 | IMPERFORATED | 1 | IMPROVES | 1 | IMPULSE | 1 | IM-PLACE |
| 1 | IMBILITY | 1 | IMATIVE | 1 | IMCLINE | 1 | IMCURPRATED |
| 1 | INCURRECT | 1 | INCORRECTLY | 1 | INCREFASEIL | 1 | INCREMENTS |
| 1 | INCURACTIC | 1 | INDEXED | 1 | INDICATIONAL | 1 | INCLINCE |
| 1 | INDIRECTLY | 1 | INDISTINCT | 1 | INDIVIDUAL | 1 | INDIVIDUAL |
| 1 | INDIVIDUALSKILL | 1 | INDIVIDUAL | 1 | INDUCTIVATION | 1 | INDUCER |
| 1 | INFATRYPEN | 1 | INFECTED | 1 | INFELATABLE | 1 | INFLATION/DEFLECTION |
| 1 | INFLATIONS | 1 | INFLUENCE | 1 | INFLUENCED | 1 | INJECT |
| 1 | INITIATED | 1 | INITIALLED | 1 | INITIATIVE | 1 | INJECTERS |
| 1 | INITIATING | 1 | INLAND | 1 | INDICATES | 1 | INSECT |
| 1 | INCLICIDES | 1 | INSIGNIA | 1 | INSTAIL | 1 | INSTALLATION |
| 1 | INSTALLATION-- | 1 | INSTALLATIONS | 1 | INSTANCE | 1 | INSTRUCTED |
| 1 | INSULATE | 1 | INSURED | 1 | INSURES | 1 | INT |
| 1 | INT-TEAT | 1 | INTERCHANGABLE | 1 | INTERCOMPANY | 1 | INTENTION |
| 1 | INTERCHANGEABLE | 1 | INTERFERENCE | 1 | INTERPRETING | 1 | INTEREST |
| 1 | INTERESTS | 1 | INTERSECTION | 1 | INTERESTINES | 1 | INTERPRGATER |
| 1 | INTERJECT | 1 | INTRODUCTION | 1 | INVESTIGATE | 1 | INTHE |
| 1 | INTRODUCES | 1 | INVOLUNTARY | 1 | INVOLVE | 1 | INVESTIGATING |
| 1 | INVISIBLE | 1 | INWARD | 1 | IN2-157 | 1 | INVOLVES |
| 1 | INVOLVING | 1 | ISK | 1 | ISNT | 1 | IO |
| 1 | IRITATION | 1 | ISTER | 1 | ISSUED | 1 | ISLATED |
| 1 | ISPOCELES | 1 | JACK-POST | 1 | JACKETS | 1 | IV |
| 1 | J-TYPE | 1 | JACKLIFT | 1 | JEV | 1 | JACKPOINT |
| 1 | JAMES | 1 | JUDGE | 1 | JULIETT | 1 | JCH-- |
| 1 | JUNAS | 1 | KAIGER | 1 | KAL | 1 | JUPK |
| 1 | JUTING | 1 | KEEPER | 1 | KELLY | 1 | KEEL- |
| 1 | KEEN | 1 | KFFEN | 1 | KHZ | 1 | KEVHCLF |
| 1 | KEVIN | 1 | KIRUS | 1 | KMPH | 1 | KILL |
| 1 | KILBERTZ | 1 | KIIVES | 1 | KNCKED | 1 | KNIFE |
| 1 | KIFF-EDGE | 1 | L-SHAPER | 1 | LA | 1 | KCPHAN |
| 1 | LOCATION-GRID | 1 | LACE | 1 | LACEN | 1 | LAPEL |
| 1 | LARELEC | 1 | LARUED | 1 | LAR | 1 | LABELIMINATING |
| 1 | LAKES | 1 | LATERAL | 1 | LATRINES | 1 | LARGE-SCALE |
| 1 | LARGEST | 1 | LAUNCHES | 1 | LAUNDERED | 1 | LATTER |
| 1 | LAUNCHERS | 1 | | | | 1 | LANS |

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| 1 TAMPRED | 1 TAMPED | TAMPED | 1 | TAMPING | 1 | TANG | 1 | | |
| 1 TANGLED | 1 TANGO | TANGO | 1 | TANGIT | 1 | TAPERS | 1 | | |
| 1 TASKED | 1 TUA | TUA | 1 | TE | 1 | TEAMS | 1 | | |
| 1 TEASPOFUL | 1 TEN-WEIGHT | TEN-WEIGHT | 1 | TEND | 1 | TEDEFRESS | 1 | | |
| 1 TEASPLE | 1 TENTATIVE | TENTATIVE | 1 | TERM | 1 | TEPMINAL | 1 | | |
| 1 TERMINATE | 1 TERMINE | TERMINE | 1 | TERMINOLOGY | 1 | TESTTHINGS | 1 | | |
| 1 TAIL-- | 1 THAW | THAW | 1 | THAWED | 1 | THF- | 1 | | |
| 1 THFPLN | 1 THEMERAFIER | THEMERAFIER | 1 | THIGH | 1 | THING | 1 | | |
| 1 THINGS | 1 THINK | THINK | 1 | THINKS | 1 | THINKING | 1 | | |
| 1 THIRST | 1 THOUGHT | THOUGHT | 1 | THOUSANDS | 1 | THREAD | 1 | | |
| 1 THEAULING | 1 THREE-FOOT | THREE-FOOT | 1 | THREE-FOURTHS | 1 | THREE-FOUNP | 1 | | |
| 1 THEUTIED | 1 THRU | THRU | 1 | THE | 1 | TIC | 1 | | |
| 1 TIFICACION | 1 TIGHTER | TIGHTER | 1 | TIGHTER | 1 | TILT-LICK | 1 | | |
| 1 TIFL-IN-SERVICE | 1 TIME-MILL | TIME-MILL | 1 | TIGLE | 1 | TIGLING | 1 | | |
| 1 TILED | 1 TISSUES | TISSUES | 1 | TITLE | 1 | TILSA | 1 | | |
| 1 TLE | 1 TUG | TUG | 1 | TODAY | 1 | TONGLES | 1 | | |
| 1 TULIS | 1 TUGHEAD | TUGHEAD | 1 | TUR | 1 | TONGUES | 1 | | |
| 1 TUGM | 1 TUGHER | TUGHER | 1 | TUR | 1 | TOUCHED | 1 | | |
| 1 TUGER-LNE | 1 TULERS | TULERS | 1 | TOWARDS | 1 | TUNEL | 1 | | |
| 1 TUGLE | 1 TRACKED | TRACKED | 1 | TUWARD | 1 | TRA | 1 | | |
| 1 TRAINCHALLENGING | 1 TRAINCOURSE | TRAINCOURSE | 1 | TRADITION | 1 | TRAILER | 1 | | |
| 1 TRAINING | 1 TRASCAPS | TRASCAPS | 1 | TRAGLES | 1 | TRAINLSTING | 1 | | |
| 1 TRANSPORTING | 1 TRASH-SSION | TRASH-SSION | 1 | TRANSPORT | 1 | TRANSPERTS | 1 | | |
| 1 TRAVELS | 1 THEMENDOUS | THEMENDOUS | 1 | TRASPOFTER | 1 | TRAVELING | 1 | | |
| 1 TPTUGERS | 1 TRIM | TRIM | 1 | TRENDERS | 1 | TRFSTLE-PRACING | 1 | | |
| 1 TRPI | 1 THROUBLE | THROUBLE | 1 | TRIPID-MOUNTED | 1 | TRIPPIE | 1 | | |
| 1 TRUNION | 1 TRYOUT | TRYOUT | 1 | TRIPID-TRUSEFS | 1 | TRILLY | 1 | | |
| 1 TURE | 1 TWENTY-TWO | TWENTY-TWO | 1 | TUNE | 1 | TUPING | 1 | | |
| 1 TURT-PAID | 1 TROT-MAH | TROT-MAH | 1 | TWICE | 1 | TUTCHING | 1 | | |
| 1 TSS | 1 T62 | T62 | 1 | TACT-THIRDS | 1 | TYPICAL | 1 | | |
| 1 T-SHAP | 1 UN-SLOTS | UN-SLOTS | 1 | L-FULT | 1 | U-IT-FFSCPIPE | 1 | | |
| 1 ULTIMATE | 1 UNABLE | UNABLE | 1 | LATION | 1 | UL-HANPLFD | 1 | | |
| 1 UNCLMPCTABLE | 1 UNCOMPLETED | UNCOMPLETED | 1 | UNAPPLIED | 1 | UNCLASSTFD | 1 | | |
| 1 UNCONTROLLED | 1 UNCRUSS | UNCRUSS | 1 | UNCONSCIOUSNESS | 1 | UNCONYAMINATED | 1 | | |
| 1 UNDERGMENTS | 1 UNDERGO | UNDERGO | 1 | UNENAGED | 1 | UNTERPRISM | 1 | | |
| 1 UNDERSTANDING | 1 UNDERTAKEN | UNDERTAKEN | 1 | UNEPGFOWTH | 1 | UNEPSTOF | 1 | | |
| 1 UNFASTEN | 1 UNFASTENED | UNFASTENED | 1 | UNEQUAL | 1 | UNEXPLAINER | 1 | | |
| 1 UNLOCK | 1 UNHOOKE | UNHOOKE | 1 | UNFOLED | 1 | UNFULS | 1 | | |
| 1 UNLDRN | 1 UNHOOKE | UNHOOKE | 1 | UNIDENTIFIED | 1 | UNINUPFD | 1 | | |
| 1 UNLDRN | 1 UNHOOKE | UNHOOKE | 1 | UNITSABOUT | 1 | UNLATCHED | 1 | | |
| 1 UNLIMITED | 1 UNLUCKED | UNLUCKED | 1 | UNLAPKED | 1 | UNPASK | 1 | | |
| 1 UNLITICABLE | 1 UNNOTICED | UNNOTICED | 1 | UNOCUPIED | 1 | UNPAINTER | 1 | | |
| 1 UNLOCALIZED | 1 UNRECOGNIZABLE | UNRECOGNIZABLE | 1 | UNREFLING | 1 | UNCELTABLE | 1 | | |
| 1 UNRELL | 1 UNSATISFACTORY | UNSATISFACTORY | 1 | UNSCPEVED | 1 | UNSPECIFIED | 1 | | |
| 1 UNSUCCESSFUL | 1 UNSTATED | UNSTATED | 1 | UNSTISTING | 1 | UNIND | 1 | | |
| 1 UNROUND | 1 UP-AND-DOWN | UP-AND-DOWN | 1 | UPDATING | 1 | UPSWEPT | 1 | | |
| 1 URTATION | 1 USA | USA | 1 | USAGE | 1 | USELESS | 1 | | |
| 1 USEN | 1 USHAPED | USHAPED | 1 | USUAL | 1 | UTILIZATION | 1 | | |
| 1 VAGENTS | 1 V-BELTS | V-BELTS | 1 | VA | 1 | VACANTS | 1 | | |
| 1 VALLEY | 1 VALLEYS | VALLEYS | 1 | VALUE | 1 | VARIABLE | 1 | | |
| 1 VARIATIONS | 1 VELLUCITY | VELLUCITY | 1 | VEM | 1 | VEPHALLY | 1 | | |

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| 1 | 155 DLT | 460.1 | 345.1 | 12.1 | 5 | 570.7 | 562.0 | 559.0 | 5 | 156.1 | 460.1 |
| 1 | 400 DLT | 10.1 | 507.1 | 208.1 | 12.1 | 570.7 | 562.0 | 559.0 | 5 | 156.1 | 460.1 |
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| 1 | 200 DLT | 12.5 | | | | | | | | | |
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DATA CONTROL NUMBER

Job No / Proj No



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| 1 | DELIVERY |
| 2 | PRELIMINATED |
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| 16 | DETERMINE |
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| 4 | DEVICES |
| 1 | DEVELOPER |
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3 EQUAL
4 FUELS
5 FURATING

47 FURMENT
5 FURITION
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| 4 | GUTIES |
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| 1 | GOV |
| 5 | GUNS |
| 1 | GALT |
| 2 | HALF-PUNIONS |
| 1 | HALF-PUNIONS |
| 2 | HAU |
| 2 | HADWARE |
| 2 | HADULE |
| 6 | HADULIG |
| 1 | HADU |
| 2 | HADWARE |
| 16 | HAS |
| 8 | HAVE |
| 1 | HAVING |
| 2 | HE |
| 1 | HE/O |
| 2 | HEJING |
| 2 | HEATER |
| 1 | HEATER/BY |
| 2 | HEAV |
| 2 | HEIGHT |
| 2 | HE |
| 1 | HE-LI |
| 8 | HIGH |
| 2 | HIGHWAY |
| 2 | HIC |
| 1 | HIST |
| 15 | HOLD |
| 1 | HOLDOWN |
| 2 | HOLDFASTS |
| 2 | HOLDING |
| 1 | HOLDUS |
| 2 | HOLE |
| 3 | HOLK-UP |
| 1 | HOLKED-UP |
| 4 | HORIZONTAL |
| 1 | HUSE |
| 5 | HUSES |
| 2 | HOUR |
| 1 | HU |
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| 27 | HYDRAULIC |
| 1 | I |

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| 1 | IC= |
| 1 | IDENTIFIABLE |
| 7 | IDENTIFIED |
| 6 | IDENTIFY |
| 2 | IUE |
| 23 | IP |
| 1 | IMPERIATE |
| 1 | IMPERIALLY |
| 1 | IMPULSANT |
| 1 | INTERFER |
| 1 | INTERFEREY |
| 1 | INTERPRE |
| 1 | INTERVIEW/CONSTRUCT |
| 192 | IN |
| 2 | INCHFS |
| 2 | INCIDEE |
| 1 | INDICATE |
| 4 | INDICATED |
| 2 | INDICATIONG |
| 6 | INDICATORP |
| 2 | INDIVIDUAL |
| 1 | INITIATED |
| 8 | INITIAL |
| 1 | INQUIRY |
| 2 | INSERCOPE |
| 2 | INSERTED |
| 57 | INFLICT |
| 2 | INMERCED |
| 2 | INNOVATION |
| 1 | INSPECTIONS |
| 2 | INSTALL |
| 5 | INSTALLATION |
| 5 | INSTALLED |
| 1 | INSTALLING |
| 4 | INSTRUCTIONS |
| 11 | INSTRUMENTS |
| 67 | INSURE |
| 1 | INTACT |
| 2 | INTERCULT |
| 2 | INTERFOM |
| 1 | INTERLOCUTE |
| 1 | INTERVAL |
| 1 | INTERVALS |
| 12 | INTU |

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| 15 | IS |
| 11 | IT |
| 2 | ITEM |
| 1 | ITEMS |
| 2 | ITS |
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| 1 | IT |
| 2 | ITERN |
| 1 | ITERS |
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| 1 | ITIT |
| 1 | ITOTS |
| 1 | ITUCH |
| 2 | ITCIG |
| 2 | LADU |
| 1 | LADU/WATER |
| 1 | LADUE |
| 1 | LADUEP |
| 1 | LASH |
| 1 | LASHINGS |
| 1 | LAST |
| 1 | LATER |
| 2 | LATERAL |
| 2 | LATEST |
| 2 | LATCH |
| 2 | LATCHING |
| 1 | LEADER |
| 1 | LEADS |
| 1 | LEADGE |
| 2 | LEAKING |
| 15 | LEAKS |
| 1 | LEAVE |
| 1 | LEAVING |
| 1 | LEFT |
| 2 | LENGTH |
| 4 | LESS |
| 2 | LET |
| 17 | LEVEL |
| 42 | LEVER |
| 4 | LEVERES |
| 1 | LIBRARY |
| 1 | LIFE |
| 2 | LIFTED |
| 13 | LIGHT |

LIGHTS

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LIMITATIONS

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| 113 | OR | |
| 6 | ORCEP | |
| 1 | ORGANIZATION | |
| 1 | ORGANIZATIONAL | |
| 1 | ORGANIZE | |
| 5 | OTHER | |
| 5 | OUT | |
| 1 | OUTRAGED | |
| 1 | OUTSIDE | |
| 3 | OVE | |
| 11 | OVER | |
| 1 | OVERALL | |
| 1 | OVERHAULED | |
| 2 | PAGE | |
| 2 | PAGES | |
| 1 | PAI | |
| 1 | PAI EL | |
| 1 | PAIERS | |
| 1 | PAPA | |
| 1 | PARALLEL | |
| 2 | PARK | |
| 1 | PARKING | |
| 1 | PART | |
| 1 | PARTICULAR | |
| 1 | PARTICULARLY | |
| 1 | PARTS | |
| 1 | PASSAGES | |
| 7 | PATCH | |
| 1 | PATERN | |
| 4 | PEAN | |
| 1 | PEICIL | |
| 4 | PER | |
| 12 | PERCENT | |
| 12 | PERFORM | |
| 2 | PERFORMANCE | |
| 5 | PERFORMED | |
| 1 | PERFORMING | |
| 1 | PERIOD | |
| 4 | PERIODICALLY | |
| 1 | PERIODICITY | |
| 1 | PERPENDICULAR | |
| 2 | PERPENDICULARLY | |
| 1 | PERSONNEL | |
| 1 | PETROLEUM | |
| 1 | PIEN/ILMEN | |

PIKES
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23 PILES
1 PILES/LATCHES
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1 PL
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2 PLACEMENT
1 PLACES

2 PLATE
1 PLATES
1 PLATION
4 PLUG
1 PLUGS

1 PLIS
7 PLUMATIC
17 PLUT
2 PLUTS
15 PLUTS

1 PLUTS-CONNECTING
1 PLUTS-3
2 PLUTS
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6 POSITIONED
1 POSITIONING
2 POSITIONS
1 POSITIVE
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1 PRACTICE
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| 2 | PREPARE |
| 4 | PREPARED |
| 7 | PRESCRIPTED |
| 1 | PRESIDERS |
| 13 | PRESSURE |
| 0 | PREVENT |
| 1 | PREVENTING |
| 3 | PREVENTIVE |
| 3 | PRIZE |
| 1 | PRINCIPALLY |
| 7 | PROCEDURE |
| 16 | PROCEDURES |
| 1 | PROCE DURES |
| 1 | PROHIBITED |
| 1 | PROJECTIONS |
| 1 | PROMINENT |
| 6 | PROP |
| 2 | PROPELLER |
| 20 | PROPER |
| 11 | PROPERLY |
| 1 | PROTECT |
| 2 | PROTECTION |
| 4 | PROTECTIVE |
| 1 | PROTECTIONS |
| 1 | PROVIDE |
| 2 | PROVIDED |
| 1 | PROVIDES |
| 12 | PROT |
| 1 | PT |
| 2 | PUL |
| 1 | PULLED |
| 1 | PULLEYS |
| 1 | PULS |
| 5 | PULP |
| 2 | PULPS |
| 1 | PUNCTURING |
| 1 | PURPOSE |
| 2 | PURPOSES |
| 1 | PUSHED |
| 1 | PUT |
| 1 | QUALITIV |
| 1 | QUICK |
| 10 | Q |
| 2 | P |
| 2 | PER2/LOPI |

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| 0 | PACMET |
| 1 | PACIATOR |
| 2 | PACIIS |
| 3 | PACI |
| 4 | PACI/PAIDUE |
| 5 | RAFTING |
| 6 | RAFTING/BRIDGING |
| 7 | PARTS |
| 8 | PAT-SILERS |
| 9 | PAISE |
| 10 | PATSE/LONER |
| 11 | PATSEU |
| 12 | PAIP |
| 13 | PAIPS |
| 14 | PAIGE |
| 15 | PAGES |
| 16 | PATEI |
| 17 | PATIG |
| 18 | PATID |
| 19 | PATIED |
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| 21 | PEADING |
| 22 | PEADINGS |
| 23 | PEADUS |
| 24 | PEADY |
| 25 | PEAN |
| 26 | PEASURABLE |
| 27 | PECLIVE |
| 28 | PECLIVER |
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| 1 | PEACE |
| 15 | PELASE |
| 1 | PELIFF |
| 1 | PELATO |
| 1 | PELTERS |
| 1 | REMEMBER |
| 1 | REMEMBERED |
| 5 | PEOPLE |
| 2 | PEQUACH |
| 2 | PEQUING |
| 4 | REPAIR |
| 1 | REPAIRING |
| 5 | PERAINS |
| 2 | PEREAT |
| 1 | PEREATED |
| 4 | PERLACE |
| 7 | PERUPT |
| 7 | PERUPIED |
| 1 | PERUPTS |
| 1 | PERUEST |
| 1 | PERUTRE |
| 13 | PERUIRO |
| 1 | PERUIREMENTS |
| 2 | PERUIRES |
| 4 | PERUIR |
| 1 | PERUIRABILITY |
| 1 | PERUI |
| 1 | PERUIT |
| 7 | PERUIER |
| 1 | PERUIERS |
| 3 | PERUING |
| 3 | PERUVER |
| 4 | PERUACT |
| 4 | PERUACTED |
| 6 | PERU |
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| 1 | PERUSE |
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| 1 | PER |
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| 2 | PERING |
| 10 | PERIT |
| 3 | PERUS |
| 2 | RISC |
| 1 | RISHU |

OFFICE

1 DIRECTOR
1 DIRECTOR
3 ADJUTANT
5 ADJUTANT

1 PURKS
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1 PURKS

4 PUTATE
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1 SEPARATE
1 SEVENT
1 SERIAL

2 SERIOUS
1 SERIOUSLY
1 SERVICEABILITY
5 SERVICE
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2 SERVICEABLE
2 SERVICES
2 SET
2 SETTLEMENT
1 SETTLEMENT

1 SEVERAL
2 SHAMP
1 SHAPPEST
2 SHAPFIM
5 SHINT

2 SHIPTING
2 SHIPS
1 SHIRE
1 SHIRT
1 SHIRTCEARINGS

1 SHOULD
2 SHUT
2 SHUT
2 SHIP
1 RIGHT

1 SIGHTINES
1 SIGHTING
1 SIGHTS
2 SIGN
10 SIGNAL

2 SIGNALS
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1 SIGNS
1 SIGN
1 SIGNALLY

1 SINCE
1 SINKING
13 SITE
3 SITES
1 SIXTH

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| 1 | SIZE | |
| 2 | SKIN | |
| 4 | SLAVE | |
| 1 | SLAVE | |
| 1 | SLIDES | |
| 2 | SLIGHTLY | |
| 1 | SLINGS | |
| 2 | SLIP | |
| 20 | SLOPE | |
| 6 | SLOPES | |
| 1 | SLOW | |
| 2 | SLIMEN | |
| 4 | SLIMLY | |
| 2 | SQUALL | |
| 1 | SQUATTED | |
| 1 | SQUATLY | |
| 1 | SQUAP | |
| 1 | SQUIN | |
| 2 | SU | |
| 2 | SULIDERS | |
| 1 | SURE | |
| 2 | SURFACE | |
| 1 | SPACER | |
| 1 | SPACING | |
| 4 | SPAN | |
| 4 | SPARS | |
| 2 | SPECIAL | |
| 2 | SPECTIFIC | |
| 1 | SPECIFICS | |
| 1 | SPECIFIED | |
| 9 | SPEED | |
| 1 | SPEEDOMETER | |
| 1 | SPEERS | |
| 4 | SPILL | |
| 1 | SPILLUS | |
| 5 | SQUARE | |
| 2 | SECTION | |
| 6 | SCALP | |
| 1 | SCALP | |
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| 1 | SCALP | |
| 1 | STAND | |
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| 10 | STANDARDS | |
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| 1 | STANDARDS | |

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| 7 | START |
| 2 | STARTED |
| 3 | STARTING |
| 4 | STATE |
| 5 | STATION |

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| 1 | STATIS | SS3:12-15 |
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SUFFICIENT
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SUFFICIENT
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SUPPLIES
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JOB LANGUAGE PERFORMANCE REQUIREMENTS FOR MOS 12C
BRIDGE SPECIALIST REFER. (U) DEFENSE LANGUAGE INST
LACKLAND AFB TX ENGLISH LANGUAGE CENTER. 08 DEC 77

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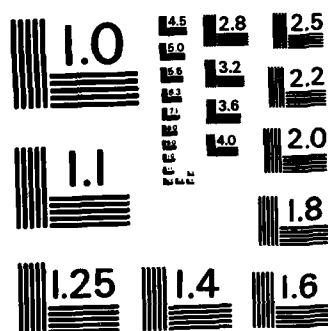
UNCLASSIFIED

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MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

SUPPLIES
SURF
SURFACE
SURVEILLANCE
SUSPENSION

SWAY
SWIFTER
SWITCHER
SWITH
SWITCHES

SYMBOL
SYMBOLS
SYSTEM
SYSTEMS
TABLE

TACKY
TACTICAL
TAGLINES
TAPE
TAPE

TARGET
TARK
TARKS
TARE
TAREP

TASK
TASKS
TEAM
TEAM
TEAMS

TECHNICAL
TEMPERATURE
TEMPERARY
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TEP

TEMPERATURE
TERMS
TERRAIN
TEST
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THAT
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3 THERE
1 THEREAFTER
2 THEREFORE
3 THESE
6 THEY

1 THIN
10 THIS
3 THOROUGHLY
1 THREADED
1 THREADS

2 THROTTLE
2 THROUGH
2 THROUGHOUT
1 THROU
2 THUS

1 TIRAL
1 TIED
1 TIED UP
1 TIED UP
1 TIED UP
6 TIGHT

1 TIGHTEN
3 TIGHTENED
1 TIGHTLY
2 TIGHTNESS
1 TIBBERS

4 TIRE
1 TIES
1 TIMING
1 TIPS
7 TIRE

2 TIFES
16 TN
1 THIS
7 TOS
217 TU

5 TUF
3 TOGETHER
1 TUP
8 TUS
1 TUP

6 TURLS
2 TUP
1 TOTAL
1 TOTALING
4 TUPED

TUIER
TUMPS
TUNING
TUNING
TUNING
TUNING

TRAFFIC
TRAIL
TRAILER
TRANSFER
TRANSMISSION

TRANSMISSION
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TRANSMISSION

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| 1 | IN/PULL |
| 15 | IN/TILL |
| 1 | IN/STIAL |
| 12 | IN |
| 4 | IN/DEMA |
| 4 | IN/IN |
| 2 | IN/STREAM |
| 1 | IN/STREAM/DOWNSTREAM |
| 1 | ISSUE |
| 15 | ISSUE |
| 14 | ISSUE |
| 1 | ISSUE |
| 1 | ISSUE |
| 17 | ISSUE |
| 1 | ISSUE |
| 3 | UTILIZE |
| 1 | VARIETY |
| 4 | VALUE |
| 1 | VALUES |
| 3 | VALVE |
| 7 | VALVES |
| 1 | VARIATIONS |
| 4 | VARIOUS |
| 7 | VARY |
| 26 | VEHICLE |
| 41 | VEHICLES |
| 1 | VEHICLES/ |
| 1 | VEHICULAR |
| 1 | VELOCITIES |
| 5 | VELOCITY |
| 1 | VELT |
| 1 | VERIFIED |
| 1 | VERTICAL |
| 2 | VISIBLE |
| 14 | VISUALLY |
| 4 | VOLUME |
| 1 | WA |
| 1 | WARES |
| 1 | WARS |
| 1 | WARM |
| 1 | WARTU |
| 1 | WASHING |
| 2 | WASH |
| 1 | WASHING |
| 1 | WATCH |

LATER
1 LATE
1 LEAK
1 LEAKING
3 REACTION

2 VERGING
1 VERMEL
11 VERMUT
1 SELU
1 WEIUS

11 WEL
2 WELLS
1 WET
2 WHAT
22 WHTEL

3 WHELED
12 WHELS
26 WHECH
4 WHEDE
2 WITCH

5 WOTLE
1 WOT
1 WOTELS
8 WOTH
2 WOTL

1 WIL
62 WIL
1 WILDL
1 WILDSFIELD
1 WILG

1 WIPER
1 WIPES
2 WIT
6 WITTH
1 WITMUT

1 WITHSTAND
1 WUD
4 WORKING
3 WUTASPECT
1 WUTW

1 WUPNCH
1 WUPNLES
6 W
2 X
1 XG-45U

| | |
|---|--------|
| 1 | XU-45U |
| 1 | YU-E |
| 4 | YU-F |
| 1 | YU-R |

| | | | |
|--------|-----------|-------------------------|-----------------------|
| 1E0051 | SECRET RM | 1334, DELETE | 1534 |
| 1E0052 | INSECT | DATA RIAS - C3 | |
| 1E0053 | | IN A CYBER-ALLIC FACTLO | PRIM/USEU0029 |
| 1E0054 | | NCU IN | , NOT |
| 1E0055 | | TP'S APPLIED | 1334 |
| 1E0056 | | EAU SYNCRFMT | OPTS R, THER0207,DUMP |

| FREQUENCY/WORD | FREQUENCY/WORD | WORD | FREQUENCY | DISTRIBUTION | FREQUENCY/WORD | FREQUENCY/WORD | DATE | RC142 | 1413 | PA |
|----------------|----------------|---------------|-----------|--------------|----------------|----------------|-------------|-------|------|----|
| 4 | 4 | SUPPLIES | 4 | 4 | SWITCHES | 4 | TIME | | | |
| 4 | 4 | THEFTS | 4 | 4 | UP/DOWN | 4 | UPIN | | | |
| 4 | 4 | VARIOUS | 4 | 4 | VOLUME | 4 | WHERE | | | |
| 4 | 4 | YUO | 4 | 4 | ACCURACY | 4 | ANCHOR | | | |
| 4 | 4 | ALVERSE | 4 | 4 | AGAINST | 4 | AXLE | | | |
| 4 | 4 | APPROXIMATELY | 4 | 4 | AVAILABLE | 4 | BEARING | | | |
| 4 | 4 | TAILEY | 4 | 4 | BALK | 4 | CAP | | | |
| 4 | 4 | ALCKING | 4 | 4 | BREATHING | 4 | CIRCLE | | | |
| 4 | 4 | CARRYING | 4 | 4 | CAUTION | 4 | CIPHER | | | |
| 4 | 4 | CLOSED | 4 | 4 | COMPENSATION | 4 | DARKNESS | | | |
| 4 | 4 | CROSSING | 4 | 4 | CZ/UN | 4 | DETERMINING | | | |
| 4 | 4 | DISSEMINATED | 4 | 4 | DEFERRED | 4 | ENGAGED | | | |
| 4 | 4 | DISBURSE | 4 | 4 | DURSTEAM | 4 | EYE | | | |
| 4 | 4 | EVERLY | 4 | 4 | EXAMPLE | 4 | FILTER | | | |
| 4 | 4 | FIG | 4 | 4 | FILLING | 4 | FORT | | | |
| 4 | 4 | FLUID | 4 | 4 | FULLONS | 4 | GREASE | | | |
| 4 | 4 | FLUX | 4 | 4 | GETTER | 4 | HEIGHT | | | |
| 4 | 4 | HEATER | 4 | 4 | HEAVY | 4 | KEPT | | | |
| 4 | 4 | INSERTED | 4 | 4 | INTERFER | 4 | LOADING | | | |
| 4 | 4 | LEAKING | 4 | 4 | LOADED | 4 | LUCS | | | |
| 4 | 4 | LOOKING | 4 | 4 | LOSER | 4 | PEASURF | | | |
| 4 | 4 | MALE | 4 | 4 | MAN | 4 | OBJECT | | | |
| 4 | 4 | NETS | 4 | 4 | NORMALLY | 4 | PARK | | | |
| 4 | 4 | OPEN | 4 | 4 | ONE | 4 | PREPARATION | | | |
| 4 | 4 | PLATE | 4 | 4 | POINTS | 4 | RAISED | | | |
| 4 | 4 | PREVENTIVE | 4 | 4 | PRIV | 4 | RETAPOFR | | | |
| 4 | 4 | RETAINER | 4 | 4 | RETAINING | 4 | ROAD | | | |
| 4 | 4 | RINGS | 4 | 4 | RIVER | 4 | SECONDS | | | |
| 4 | 4 | SEALING | 4 | 4 | SECOND | 4 | SIGN | | | |
| 4 | 4 | SHOES | 4 | 4 | SHOT | 4 | STEP | | | |
| 4 | 4 | SITES | 4 | 4 | STARTING | 4 | SYSTEM | | | |
| 4 | 4 | SUBSYSTEM | 4 | 4 | SURFACE | 4 | THESE | | | |
| 4 | 4 | TELEPATH | 4 | 4 | THERE | 4 | TIGHTER | | | |
| 4 | 4 | TIGHTERED | 4 | 4 | TIGHTNESS | 4 | UTILIZE | | | |
| 4 | 4 | TURNS | 4 | 4 | UNIVERSAL | 4 | WHEELER | | | |
| 4 | 4 | VERTICAL | 4 | 4 | WEATHER | 4 | ARITHMET | | | |
| 4 | 4 | ABJECT | 4 | 4 | WAVE | 4 | ADVANCE | | | |
| 4 | 4 | ACCURACY | 4 | 4 | WAVE | 4 | ADVANCE | | | |
| 4 | 4 | ADJUST | 4 | 4 | ADJUSTED | 4 | ADVANCE | | | |
| 4 | 4 | ALLOWED | 4 | 4 | ALONG | 4 | ADVANCE | | | |
| 4 | 4 | APPLICATION | 4 | 4 | APPLIED | 4 | ADVANCE | | | |
| 4 | 4 | ATTACH | 4 | 4 | ATTACHING | 4 | ADVANCE | | | |
| 4 | 4 | WAYS | 4 | 4 | BEING | 4 | ADVANCE | | | |
| 4 | 4 | ROOM | 4 | 4 | BODYS | 4 | ADVANCE | | | |
| 4 | 4 | CABLES | 4 | 4 | CHANGE | 4 | ADVANCE | | | |
| 4 | 4 | CHECKING | 4 | 4 | CHECKLIST | 4 | ADVANCE | | | |
| 4 | 4 | CLOSE | 4 | 4 | COMPLETION | 4 | ADVANCE | | | |
| 4 | 4 | COMPASS | 4 | 4 | COMPLETE | 4 | ADVANCE | | | |
| 4 | 4 | COMPUTER | 4 | 4 | CORRECT | 4 | ADVANCE | | | |
| 4 | 4 | CONNECTED | 4 | 4 | CORRECT | 4 | ADVANCE | | | |
| 4 | 4 | CONNECTIONS | 4 | 4 | CULANT | 4 | ADVANCE | | | |

| | | | |
|---------------|--------------|------------------|------------------|
| 1 ASSEMBLY | 7 ASSIGNED | 7 BULBS | 7 ROCK |
| 2 PAIR | 7 CROSS | 7 CURS | 7 CURVE |
| 3 FLEING | 7 EXPEDIENT | 7 FIXED | 7 IDENTIFIED |
| 4 LEFT | 7 LIGHTS | 7 NOTE | 7 OPERATORS |
| 5 PATCH | 7 PROCEDEME | 7 RECONNAISSANCE | 7 REPERTED |
| 6 STANT | 7 STEER | 7 TACTICAL | 7 TYPE |
| 7 TFS | 7 W'DER | 7 UNLOADING | 7 ANCHORAGE |
| 8 APPLICABLES | 6 RANK | 6 BRIDLE | 6 CAR |
| 9 CLIMBABLE | 6 CLAMP | 6 CONSTRUCT | 6 CONFR |
| 0 CLOVES | 6 DAYLIGHT | 6 DETERMINED | 6 ELECTRICAL |
| 1 CAPABILITY | 6 FODALS | 6 ESC | 6 FEET |
| 2 FILLER | 6 FORWARD | 6 FUEL | 6 HANDLING |
| 3 IDENTIFY | 6 INDICATOR | 6 INSTRUCTIONS | 6 LESS |
| 4 IDENTIFY | 6 LUBRICATE | 6 LUBRICATION | 6 MAIN |
| 5 IDENTIFY | 6 MISSING | 6 MOUNTINGS | 6 OPERATE |
| 6 IDENTIFY | 6 PILOT | 6 PNEUMATIC | 6 PORTS |
| 7 IDENTIFY | 6 PROG | 6 REPLACE | 6 RETURN |
| 8 IDENTIFY | 6 SECURE | 6 SLIPES | 6 SHAPE |
| 9 IDENTIFY | 6 TEAM | 6 THEN | 6 THEY |
| 0 IDENTIFY | 6 TULLS | 6 TRAILER | 6 TESTS |
| 1 IDENTIFY | 6 WITHIN | 6 AT | 6 APPROACH |
| 2 IDENTIFY | 6 AREAS | 6 ARTICULATOR | 6 AVERAGE |
| 3 IDENTIFY | 6 AUTUM | 6 CHECKER | 6 CLASSIFICATION |
| 4 IDENTIFY | 6 CONVICTION | 6 CORRECTED | 6 CAPS |
| 5 IDENTIFY | 6 CORVATINE | 6 EFFECTIVE | 6 FIRST |
| 6 IDENTIFY | 6 CENTER | 6 GUYS | 6 MOSES |
| 7 IDENTIFY | 6 INSPECTION | 6 INSTALLATION | 6 INSTALLED |
| 8 IDENTIFY | 6 MEASURING | 6 MOTOR | 6 NEAR |
| 9 IDENTIFY | 6 MOUT | 6 PERFORMED | 6 RAISE |
| 0 IDENTIFY | 6 REPAIRS | 6 ROADWAY | 6 S |
| 1 IDENTIFY | 6 SECTIONS | 6 SECURED | 6 SELECT |
| 2 IDENTIFY | 6 SHIRT | 6 SQUAD | 6 STATION |
| 3 IDENTIFY | 6 SLEIGHTING | 6 TEMPORARY | 6 TIE |
| 4 IDENTIFY | 6 WILE | 6 AUTHORITY | 6 ACCOMPLISHED |
| 5 IDENTIFY | 6 ALLUM | 6 AND/OR | 6 ANTHEP |
| 6 IDENTIFY | 6 RILGE | 6 BRIDGES | 6 CARLE |
| 7 IDENTIFY | 6 CLEAN | 6 COMPLETED | 6 CONSTRUCTION |
| 8 IDENTIFY | 6 DATE | 6 DEGREES | 6 DEVICES |
| 9 IDENTIFY | 6 PAY | 6 EN | 6 ESTIMATED |
| 0 IDENTIFY | 6 PALE | 6 FULL | 6 GUIDES |
| 1 IDENTIFY | 6 HORIZONTAL | 6 FULL | 6 INDICATED |
| 2 IDENTIFY | 6 LKALRED | 6 PAKING | 6 PALAVR |
| 3 IDENTIFY | 6 MINUTES | 6 PORE | 6 MOVEMENT |
| 4 IDENTIFY | 6 MUD | 6 POTS | 6 PAFL |
| 5 IDENTIFY | 6 DLR | 6 PERIODICALLY | 6 PLACED |
| 6 IDENTIFY | 6 PUMPER | 6 PREPARED | 6 PROTECTIVE |
| 7 IDENTIFY | 6 RAMP | 6 RATED | 6 REFLECT |
| 8 IDENTIFY | 6 RESERVUIR | 6 RETRACT | 6 REINACTED |
| 9 IDENTIFY | 6 SAFETY | 6 SLAVE | 6 SLOWLY |
| 0 IDENTIFY | 6 SPAN | 6 SPANS | 6 SPOT |

HEADQUARTERS

DATA CONTROL NUMBER

Job No / Proj No

UNITED STATES ARMY TRAINING AND DOCTRINE COMMAND

FORT MONROE, VIRGINIA 23651



~~SECRET~~

~~SECRET~~

JUL 11 1980

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SEQUENTIAL DATA MANAGER

| PAGE AC | 3 TYPE | RECORD NMTS |
|---------|--------|-------------|
| | TEN | 07 |
| | TFA | 00 |
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| | TRV | 00 |
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| | TOM | 07 |
| | TQA | 00 |
| | TFK | 00 |
| | TRV | 00 |
| | TBA | 07 |
| | TFV | 07 |
| | TPN | 00 |
| | TPV | 07 |
| | TPN | 00 |
| | TBA | 07 |
| | TRV | 07 |
| | TBA | 00 |
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UPDATED RECORDS
LPECL
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TRANS READ
LPECL
BLKSIZE

DATE 08:01 2125 PAGE 1

2000 10 17 09:34 524

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| 12.1 | 12.2 | 12.3 | 12.4 | 12.5 | 12.6 | 12.7 | 12.8 | 12.9 | 13.0 | 13.1 | 13.2 | 13.3 | 13.4 | 13.5 | 13.6 | 13.7 | 13.8 | 13.9 | 14.0 | 14.1 | 14.2 | 14.3 | 14.4 | 14.5 | 14.6 | 14.7 | 14.8 | 14.9 | 15.0 | 15.1 | 15.2 | 15.3 | 15.4 | 15.5 | 15.6 | 15.7 | 15.8 | 15.9 | 16.0 | 16.1 | 16.2 | 16.3 | 16.4 | 16.5 | 16.6 | 16.7 | 16.8 | 16.9 | 17.0 | 17.1 | 17.2 | 17.3 | 17.4 | 17.5 | 17.6 | 17.7 | 17.8 | 17.9 | 18.0 | 18.1 | 18.2 | 18.3 | 18.4 | 18.5 | 18.6 | 18.7 | 18.8 | 18.9 | 19.0 | 19.1 | 19.2 | 19.3 | 19.4 | 19.5 | 19.6 | 19.7 | 19.8 | 19.9 | 20.0 | 20.1 | 20.2 | 20.3 | 20.4 | 20.5 | 20.6 | 20.7 | 20.8 | 20.9 | 21.0 | 21.1 | 21.2 | 21.3 | 21.4 | 21.5 | 21.6 | 21.7 | 21.8 | 21.9 | 22.0 | 22.1 | 22.2 | 22.3 | 22.4 | 22.5 | 22.6 | 22.7 | 22.8 | 22.9 | 23.0 | 23.1 | 23.2 | 23.3 | 23.4 | 23.5 | 23.6 | 23.7 | 23.8 | 23.9 | 24.0 | 24.1 | 24.2 | 24.3 | 24.4 | 24.5 | 24.6 | 24.7 | 24.8 | 24.9 | 25.0 | 25.1 | 25.2 | 25.3 | 25.4 | 25.5 | 25.6 | 25.7 | 25.8 | 25.9 | 26.0 | 26.1 | 26.2 | 26.3 | 26.4 | 26.5 | 26.6 | 26.7 | 26.8 | 26.9 | 27.0 | 27.1 | 27.2 | 27.3 | 27.4 | 27.5 | 27.6 | 27.7 | 27.8 | 27.9 | 28.0 | 28.1 | 28.2 | 28.3 | 28.4 | 28.5 | 28.6 | 28.7 | 28.8 | 28.9 | 29.0 | 29.1 | 29.2 | 29.3 | 29.4 | 29.5 | 29.6 | 29.7 | 29.8 | 29.9 | 30.0 | 30.1 | 30.2 | 30.3 | 30.4 | 30.5 | 30.6 | 30.7 | 30.8 | 30.9 | 31.0 | 31.1 | 31.2 | 31.3 | 31.4 | 31.5 | 31.6 | 31.7 | 31.8 | 31.9 | 32.0 | 32.1 | 32.2 | 32.3 | 32.4 | 32.5 | 32.6 | 32.7 | 32.8 | 32.9 | 33.0 | 33.1 | 33.2 | 33.3 | 33.4 | 33.5 | 33.6 | 33.7 | 33.8 | 33.9 | 34.0 | 34.1 | 34.2 | 34.3 | 34.4 | 34.5 | 34.6 | 34.7 | 34.8 | 34.9 | 35.0 | 35.1 | 35.2 | 35.3 | 35.4 | 35.5 | 35.6 | 35.7 | 35.8 | 35.9 | 36.0 | 36.1 | 36.2 | 36.3 | 36.4 | 36.5 | 36.6 | 36.7 | 36.8 | 36.9 | 37.0 | 37.1 | 37.2 | 37.3 | 37.4 | 37.5 | 37.6 | 37.7 | 37.8 | 37.9 | 38.0 | 38.1 | 38.2 | 38.3 | 38.4 | 38.5 | 38.6 | 38.7 | 38.8 | 38.9 | 39.0 | 39.1 | 39.2 | 39.3 | 39.4 | 39.5 | 39.6 | 39.7 | 39.8 | 39.9 | 40.0 | 40.1 | 40.2 | 40.3 | 40.4 | 40.5 | 40.6 | 40.7 | 40.8 | 40.9 | 41.0 | 41.1 | 41.2 | 41.3 | 41.4 | 41.5 | 41.6 | 41.7 | 41.8 | 41.9 | 42.0 | 42.1 | 42.2 | 42.3 | 42.4 | 42.5 | 42.6 | 42.7 | 42.8 | 42.9 | 43.0 | 43.1 | 43.2 | 43.3 | 43.4 | 43.5 | 43.6 | 43.7 | 43.8 | 43.9 | 44.0 | 44.1 | 44.2 | 44.3 | 44.4 | 44.5 | 44.6 | 44.7 | 44.8 | 44.9 | 45.0 | 45.1 | 45.2 | 45.3 | 45.4 | 45.5 | 45.6 | 45.7 | 45.8 | 45.9 | 46.0 | 46.1 | 46.2 | 46.3 | 46.4 | 46.5 | 46.6 | 46.7 | 46.8 | 46.9 | 47.0 | 47.1 | 47.2 | 47.3 | 47.4 | 47.5 | 47.6 | 47.7 | 47.8 | 47.9 | 48.0 | 48.1 | 48.2 | 48.3 | 48.4 | 48.5 | 48.6 | 48.7 | 48.8 | 48.9 | 49.0 | 49.1 | 49.2 | 49.3 | 49.4 | 49.5 | 49.6 | 49.7 | 49.8 | 49.9 | 50.0 | 50.1 | 50.2 | 50.3 | 50.4 | 50.5 | 50.6 | 50.7 | 50.8 | 50.9 | 51.0 | 51.1 | 51.2 | 51.3 | 51.4 | 51.5 | 51.6 | 51.7 | 51.8 | 51.9 | 52.0 | 52.1 | 52.2 | 52.3 | 52.4 | 52.5 | 52.6 | 52.7 | 52.8 | 52.9</ |
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| 542.1 | 575.1 | 576.1 | 577.1 | 578.1 | 579.1 | 580.1 | 581.1 | 582.1 | 583.1 | 584.1 | 585.1 | 586.1 | 587.1 | 588.1 | 589.1 | 590.1 | 591.1 | 592.1 | 593.1 | 594.1 | 595.1 | 596.1 | 597.1 | 598.1 | 599.1 | 600.1 |
| 12.1 | 12.1 | 12.1 | 12.1 | 12.1 | 12.1 | 12.1 | 12.1 | 12.1 | 12.1 | 12.1 | 12.1 | 12.1 | 12.1 | 12.1 | 12.1 | 12.1 | 12.1 | 12.1 | 12.1 | 12.1 | 12.1 | 12.1 | 12.1 | 12.1 | 12.1 | 12.1 |
| 542.2 | 575.2 | 576.2 | 577.2 | 578.2 | 579.2 | 580.2 | 581.2 | 582.2 | 583.2 | 584.2 | 585.2 | 586.2 | 587.2 | 588.2 | 589.2 | 590.2 | 591.2 | 592.2 | 593.2 | 594.2 | 595.2 | 596.2 | 597.2 | 598.2 | 599.2 | 600.2 |
| 12.2 | 12.2 | 12.2 | 12.2 | 12.2 | 12.2 | 12.2 | 12.2 | 12.2 | 12.2 | 12.2 | 12.2 | 12.2 | 12.2 | 12.2 | 12.2 | 12.2 | 12.2 | 12.2 | 12.2 | 12.2 | 12.2 | 12.2 | 12.2 | 12.2 | 12.2 | 12.2 |
| 542.3 | 575.3 | 576.3 | 577.3 | 578.3 | 579.3 | 580.3 | 581.3 | 582.3 | 583.3 | 584.3 | 585.3 | 586.3 | 587.3 | 588.3 | 589.3 | 590.3 | 591.3 | 592.3 | 593.3 | 594.3 | 595.3 | 596.3 | 597.3 | 598.3 | 599.3 | 600.3 |
| 12.3 | 12.3 | 12.3 | 12.3 | 12.3 | 12.3 | 12.3 | 12.3 | 12.3 | 12.3 | 12.3 | 12.3 | 12.3 | 12.3 | 12.3 | 12.3 | 12.3 | 12.3 | 12.3 | 12.3 | 12.3 | 12.3 | 12.3 | 12.3 | 12.3 | 12.3 | 12.3 |
| 542.4 | 575.4 | 576.4 | 577.4 | 578.4 | 579.4 | 580.4 | 581.4 | 582.4 | 583.4 | 584.4 | 585.4 | 586.4 | 587.4 | 588.4 | 589.4 | 590.4 | 591.4 | 592.4 | 593.4 | 594.4 | 595.4 | 596.4 | 597.4 | 598.4 | 599.4 | 600.4 |
| 12.4 | 12.4 | 12.4 | 12.4 | 12.4 | 12.4 | 12.4 | 12.4 | 12.4 | 12.4 | 12.4 | 12.4 | 12.4 | 12.4 | 12.4 | 12.4 | 12.4 | 12.4 | 12.4 | 12.4 | 12.4 | 12.4 | 12.4 | 12.4 | 12.4 | 12.4 | 12.4 |
| 542.5 | 575.5 | 576.5 | 577.5 | 578.5 | 579.5 | 580.5 | 581.5 | 582.5 | 583.5 | 584.5 | 585.5 | 586.5 | 587.5 | 588.5 | 589.5 | 590.5 | 591.5 | 592.5 | 593.5 | 594.5 | 595.5 | 596.5 | 597.5 | 598.5 | 599.5 | 600.5 |
| 12.5 | 12.5 | 12.5 | 12.5 | 12.5 | 12.5 | 12.5 | 12.5 | 12.5 | 12.5 | 12.5 | 12.5 | 12.5 | 12.5 | 12.5 | 12.5 | 12.5 | 12.5 | 12.5 | 12.5 | 12.5 | 12.5 | 12.5 | 12.5 | 12.5 | 12.5 | 12.5 |
| 542.6 | 575.6 | 576.6 | 577.6 | 578.6 | 579.6 | 580.6 | 581.6 | 582.6 | 583.6 | 584.6 | 585.6 | 586.6 | 587.6 | 588.6 | 589.6 | 590.6 | 591.6 | 592.6 | 593.6 | 594.6 | 595.6 | 596.6 | 597.6 | 598.6 | 599.6 | 600.6 |
| 12.6 | 12.6 | 12.6 | 12.6 | 12.6 | 12.6 | 12.6 | 12.6 | 12.6 | 12.6 | 12.6 | 12.6 | 12.6 | 12.6 | 12.6 | 12.6 | 12.6 | 12.6 | 12.6 | 12.6 | 12.6 | 12.6 | 12.6 | 12.6 | 12.6 | 12.6 | 12.6 |
| 542.7 | 575.7 | 576.7 | 577.7 | 578.7 | 579.7 | 580.7 | 581.7 | 582.7 | 583.7 | 584.7 | 585.7 | 586.7 | 587.7 | 588.7 | 589.7 | 590.7 | 591.7 | 592.7 | 593.7 | 594.7 | 595.7 | 596.7 | 597.7 | 598.7 | 599.7 | 600.7 |
| 12.7 | 12.7 | 12.7 | 12.7 | 12.7 | 12.7 | 12.7 | 12.7 | 12.7 | 12.7 | 12.7 | 12.7 | 12.7 | 12.7 | 12.7 | 12.7 | 12.7 | 12.7 | 12.7 | 12.7 | 12.7 | 12.7 | 12.7 | 12.7 | 12.7 | 12.7 | 12.7 |
| 542.8 | 575.8 | 576.8 | 577.8 | 578.8 | 579.8 | 580.8 | 581.8 | 582.8 | 583.8 | 584.8 | 585.8 | 586.8 | 587.8 | 588.8 | 589.8 | 590.8 | 591.8 | 592.8 | 593.8 | 594.8 | 595.8 | 596.8 | 597.8 | 598.8 | 599.8 | 600.8 |
| 12.8 | 12.8 | 12.8 | 12.8 | 12.8 | 12.8 | 12.8 | 12.8 | 12.8 | 12.8 | 12.8 | 12.8 | 12.8 | 12.8 | 12.8 | 12.8 | 12.8 | 12.8 | 12.8 | 12.8 | 12.8 | 12.8 | 12.8 | 12.8 | 12.8 | 12.8 | 12.8 |
| 542.9 | 575.9 | 576.9 | 577.9 | 578.9 | 579.9 | 580.9 | 581.9 | 582.9 | 583.9 | 584.9 | 585.9 | 586.9 | 587.9 | 588.9 | 589.9 | 590.9 | 591.9 | 592.9 | 593.9 | 594.9 | 595.9 | 596.9 | 597.9 | 598.9 | 599.9 | 600.9 |
| 12.9 | 12.9 | 12.9 | 12.9 | 12.9 | 12.9 | 12.9 | 12.9 | 12.9 | 12.9 | 12.9 | 12.9 | 12.9 | 12.9 | 12.9 | 12.9 | 12.9 | 12.9 | 12.9 | 12.9 | 12.9 | 12.9 | 12.9 | 12.9 | 12.9 | 12.9 | 12.9 |
| 543.0 | 576.0 | 577.0 | 578.0 | 579.0 | 580.0 | 581.0 | 582.0 | 583.0 | 584.0 | 585.0 | 586.0 | 587.0 | 588.0 | 589.0 | 590.0 | 591.0 | 592.0 | 593.0 | 594.0 | 595.0 | 596.0 | 597.0 | 598.0 | 599.0 | 600.0 | 601.0 |
| 13.0 | 13.0 | 13.0 | 13.0 | 13.0 | 13.0 | 13.0 | 13.0 | 13.0 | 13.0 | 13.0 | 13.0 | 13.0 | 13.0 | 13.0 | 13.0 | 13.0 | 13.0 | 13.0 | 13.0 | 13.0 | 13.0 | 13.0 | 13.0 | 13.0 | 13.0 | 13.0 |

APPENDIX 8

ENGLISH LANGUAGE STRUCTURES AND LEXICON

The following list is included as an addition to the structural and lexical list. These structures and lexical items are very basic.
(See Section II for discussion.)

LIST OF LEXICAL AND STRUCTURAL ITEMS FOR ENGLISH LANGUAGE STRUCTURES

Sentences:

- | | |
|------------------|-------------------------|
| A. Declarative | statement |
| B. Interrogative | question |
| | 1. wh- questions |
| | 2. tag questions |
| | 3. yes/no questions |
| C. Imperative | command, polite request |
| D. Exclamatory | exclamation |

Sentence Complexity:

- | | |
|---------------------|---|
| A. Simple | one full subject and predicate |
| B. Compound | two or more independent clauses joined by: |
| | 1. punctuation |
| | 2. punctuation and conjunctive adverb |
| | 3. coordinate conjunction |
| C. Complex | one or more dependent clauses and an independent clause |
| D. Compound-Complex | two or more independent clauses and one or more dependent clauses |

Verbs:

- | | |
|----------------------------|---|
| A. Concord | subject-verb agreement |
| B. Transitive | takes an object |
| C. Intransitive | doesn't take an object |
| D. Copula | to be |
| E. Linking | connectors |
| F. Auxiliaries of tense | will, do, did |
| G. Auxiliaries of modality | should, ought to, must to, have to, have got to, able to, can, may, might, could, would |
| H. Tense | present, past |
| I. Aspect | perfect, progressive |

Verbal Forms:

- | | |
|-----------------------|---------------|
| A. Present Participle | active voice |
| B. Past Participle | passive voice |

Voice:

- | | |
|------------------------|----------------------------|
| A. Active | subject does action |
| B. Passive | subject does not do action |
| 1. agent expressed | |
| 2. agent not expressed | |

Nouns:

- | | |
|---------------|-----------|
| A. Singular | man, pen |
| B. Plural | men, pens |
| C. Count | chairs |
| D. Mass | flour |
| E. Possessive | soldier's |
| F. Collective | fish |

Adjectives:

- | | |
|-----------------------------|---------------------------|
| A. Predicative | The tank is green. |
| B. Attributive | The green tank is moving. |
| C. Degrees of comparison | |
| 1. regular | big, bigger |
| 2. irregular | worse, worst |
| D. Ordinal/Cardinal Numbers | first, one |

Adverbs:

- | | |
|-------------------|-------------------------|
| A. Time/Frequency | immediately, today, ago |
| B. Place/Position | here, there, everywhere |
| C. Manner | maybe, possibly |
| D. Negative | no, never |
| E. Comparison of | nearest, harder |
| F. Degree | thoroughly, completely |

Articles:

- | | |
|---------------|-----------|
| A. Definite | a, the |
| B. Indefinite | any, some |

Pronouns:

- | | |
|------------------|---------------------|
| A. Personal | you |
| B. Demonstrative | that |
| C. Indefinite | anybody, both, each |
| D. Reflexive | himself, yourself |
| E. Cases of | I, me, my, mine |
| F. Relative | who, whom, whose |
| G. Interrogative | who, which, what |

Conjunctions:

- | | |
|-----------------------|------------------------------|
| A. Coordinating | and, but, or, nor |
| B. Subordinating | because, if, as, that, after |
| C. Correlative | either, or |
| D. Conjunctive adverb | therefore, furthermore |

Prepositions:

A. Simple

- | | |
|----------------------------------|------------|
| 1. place | on, in |
| 2. time | in, at, on |
| 3. direction/motion | to |
| 4. manner/agent/ instrument | by, with |
| 5. measurement/ number amount | of |

B. Compound:

according to, because of, by means

Vocabulary:

words from 1100 through 2400 -
Elementary and Intermediate Phase of General
English materials

Special Expressions/Idioms

"knock it off" "can it, buddy"

Verb Combinations

two word verbs